

<400> 14330

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 agggagagag agagccatgg cactagaggc agtggtatgt ccacaatcac aagacccttt 120
 tgggtgtagt gggttacggat cagtgaataa taaggacttc tacaactgca ccttggtggc 180
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 agaa 244

<210> 14331

<211> 244

<212> DNA

<213> Glycine max

<223> Clone ID: 700964456H1

<400> 14331

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 gcaacaacat tatatattca cgccctcac atcacttctt ccatttctga gatccgcacc 120
 ttctcttcac tttcagatgg ttctgtctct gtagcttggga atcagacgaa aggagaattt 180
 gctggggggg agagtttcaa ttttcaaata ttgtcgggtga ttcatttggt attgtattgc 240
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<210> 14332

<211> 241

<212> DNA

<213> Glycine max

<223> Clone ID: 700964457H1

<400> 14332

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 ccatctttgg atagggatgc tgagctacaa aagtgtgctg ttcttcccaa taactcatac 180
 ttcaagggat cacctacctc agcttttagt ggtggagggtg gcgtgccttc tcagtactcg 240
 c 241

<210> 14333

<211> 241
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964459H1

<400> 14333

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 atcaatgtga agcaatccac catggttcgg ccggcggagg agacgccgcg gagggcggtg 180
 tggaactcca acgtggattt ggtggtgccg aacttcaca cgccgagcgt gtatttctac 240
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<210> 14334
 <211> 242
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964460H1

<400> 14334

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 ttcactccct ccaaaacgca acgtctcccc ttccccattt tccactctct ctgcgagagg 180
 cattgctctg ctctcttccc tctccctctc cctctccctc tcagcaccag cctccgccat 240
 tg 242

<210> 14335
 <211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964461H1

<400> 14335

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 cgggcgttcg cggttgatca aacggtgcag ggaagacggc gtcgtggcga cggtgccgcc 180

gtcaecgggc gcgtcggttat tcctaacgcc gtcgcggggc ttgaagcgga agatagggttg 240

catcg 245

<210> 14336
<211> 245
<212> DNA
<213> Glycine max

<223> Clone ID: 700964462H1

<400> 14336

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gaggacgggc gcacctcgc cgactacaac atccagaagg aatcaaccct tcacctcgtc 120

ctccgtctcc gtgggtggcat gcagatcttc gttaagacct tcaccggcaa gactataacc 180

ctagaagtcg agagctccga caccatcgac aacgtcaagg ctaagatcca ggacaaggag 240

ggtat 245

<210> 14337
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700964432H1

<400> 14337

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aaccttctct ccccgcgaaa cgttgtcttg gacaaaatcc acacagggaa cgggttcccc 180

accttaacgg aggaggaaca aaccgaagcc ctagagcttc ttcccaagta cggtcctttt 240

cttgagtcct tgaa 254

<210> 14338
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700964463H1

<400> 14338

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 tgctcggtgc tgcaaattgg gtgtaagctt ttcaatacag atttgacgca cctgacactc 180
 ggtgaaaatg aactgaagat gattccgcat ggagaatttc caggaaacgt cttgcacaat 240
 ttaaaagct 249

<210> 14339
 <211> 276
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964464H1

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 tgtatgaacc cctatatgaa gaagcaggat ggggtcctac tggattctct gttgatctta 180
 tagcagcaca agcagttaga tcaactccata ttgcaaagga ggcggatgaa gcaaggatta 240
 tcttctaaag gaatgctgaa tgaagtcttg tttgtg 276

<210> 14340
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964393H1

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 ttttgatttt gatcccaacc cacgttaatt gttggctcct ttttcgatgt tcatgaaaga 180
 aaagcattga attgaatcat tccacacaac a 211

<210> 14341
 <211> 248
 <212> DNA
 <213> Glycine max

[illegible]

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cgttggtttt	tctgcatca	ttttccattg	ggtggaagaa	agtctcaacc	tttagtcgaa	120
agagcaagga	tctgagtga	tgagcgatca	tgtgtggtgg	tgcgattatc	tccgacttca	180
ttccagcggg	tccgcgggc	ggggcgcaag	cgtgaccgcc	gacatcctgt	gggcgaattt	240
gaggaagc						248

<213> Glycine max

<400> 14342

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gtgaatactc	cggaaggat	taccatgacc	cacctccggc	gccgttgatc	gaccagatg	120
agctcactaa	gtggtccttg	tacagagccg	ccatagctga	gttcatagca	acactccttt	180
tcctttacat	caccgtgttg	accattattg	gctacaagag	acagagtgac	acaaaaatcc	240
ccggtaacac	cgagtgcga					259

<213> Glycine max

<400> 14343

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ctctcgcttg	tatctggaaa	aagtctcgat	tttttcaagt	ggggtttgag	ggatttaggg	180
tttgggttgt	tgggtcgtga	gtggaatcag	caaccatgaa	tatgatgcga	aggttgaaga	240
gcattgcttc	tgggaggact	tc				262

002220"ETFE60

<210> 14344
<211> 263
<212> DNA
<213> Glycine max

<223> Clone ID: 700964401H1

<400> 14344

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cagaaactac gttccactt gggcttttga tcacatcaaa tacttcaatg gaggttctga 180
gattcaactt catcttgaca agtacactgg tactggcttc cagtccaaag ggtcatactt 240
gtttggtcac ttcagcatga aca 263

<210> 14345
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700964402H1

<400> 14345

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ctgagggaaat catggtgttt ctgcaaaggg gtgagtaagt ctgagagaat gaaagctgct 180
atttttacag ggaaggctca ggccatggcc acaatcgccg ccaccgccgc gcctaattggg 240
gcttccggca ccgggtttt 259

<210> 14346
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700964403H1

<400> 14346

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gagtagtttc agcgtgagtt cgagagaaaag ggaaggtgta gcgcttgctg agtttggagg 120

cttgtagaat ctaaactgtac tatgctgacg tggcatcgga aactgcacgg ggcttctttc 180
agagttgtgt gttgaaggat gttctcagtt aacatgatcg cattgatttt ttgaatgaat 240
gtagatttgg tggt 254

<210> 14347
<211> 250
<212> DNA
<213> Glycine max
<223> Clone ID: 700964406H1
<400> 14347

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tcagcctttg agctgctgct gctacatatt aattaggcac accggaaaat aaacttgatg 120
gtcttgctca ttttgatgaa ttgtattttt ctttctttct tttaccgtaa attttttaaa 180
aacatttaat cttgaattgt aatcttgcac taactgcagt ggggtggaat atacttgcac 240
agaattgtgt 250

<210> 14348
<211> 249
<212> DNA
<213> Glycine max
<223> Clone ID: 700964407H1
<400> 14348

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tagtgttctc aaagggggca aagagaccta cgaggacttc tttatgggaa cggctcactt 120
caaagacata gcattggcac atattttggc acttgagaac aagaaagcag caggaaggca 180
cttgtgtgtg gaatctattc gtcactttag tgatcttgtg gacaaggttg ctgagttata 240
ccctgaata 249

<210> 14349
<211> 250
<212> DNA
<213> Glycine max
<223> Clone ID: 700964409H1

<400> 14349

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 gaaatagagg agctgaagga agagctggag aatggttcat cagaagcaac atcagtaatt 180
 agaagcgcaa ttgatccttc actgagggga acttatgcat atgaatcaat gacaactgca 240
 gttcagatca 250

<210> 14350

<211> 245

<212> DNA

<213> Glycine max

<223> Clone ID: 700964410H1

<400> 14350

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 tctaataccg ttgtgttcat tcgcagattc ttgacgctac tcacgacttt tgacagaaga 180
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<210> 14351

<211> 246

<212> DNA

<213> Glycine max

<223> Clone ID: 700964411H1

<400> 14351

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 attttcacgc agacgattac tcaggataag aaggattaca ctttgtcgaa tagggaggtg 180
 cttcaggctg tggagtacca tgccgagagt gggttgaagg agtgggctac tgcggtggtt 240
 aagctt 246

<210> 14352

<211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964414H1

<400> 14352

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 atggtgaatg gtgaatggtg aatgacccca cagaaggaat aaaacaggct gtggtagagc 180
 tgtaaacggt ccatttcacc actctttatg atatgatata tttctccga aagcatagct 240
 ttgagcaaac a 251

<210> 14353
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964416H1

<400> 14353

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 attttgaaa atcagaatca aagacagtta aaaatacaga acaaacatct cactcaacat 180
 caacacttca gatctacgtt tccactctca caacaacaga aaaggaaaga aaaaccgatt 240
 ctacagcgac aacaagg 257

<210> 14354
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964417H1

<400> 14354

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 catctctctt gacgcagatg atatgtcaaa gggaagcaac tctatgttg ggaaactaag 180

atcaaacttt cttggaacaa agttcacaat ctatgatagc cagctgcctc atacaggagc 240
aaagattatg aaaagtcgct c 261

<210> 14355
<211> 257
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<213> Glycine max

<223> Clone ID: 700964418H1

<400> 14355

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tctccccctc catccccggt aagtcccacc gcgaggccac gcgcctccac gaggagatgg 180
ccgtcgatct catcgaggcc aagcccggca acaaaatcct ggacgtgggc tgcggcgtgg 240
gcggggcccat gcggggca 257

<210> 14356
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700964419H1

<400> 14356

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cagatttgct tacataacta ggtattgcta tcgtctgtag ggtgagcact cacatcccaa 180
caattggcct ccttggtttg gaaggcctgt ttatacactt ttctgactg aatgtgacat 240
gacttttggg 250

<210> 14357
<211> 248
<212> DNA
<213> Glycine max

<223> Clone ID: 700964421H1

<400> 14357

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ataaaatatg taaatcttct tcaatcccga aattgggaga ttctgtgaatc aattttcgtc 180
agctcgtaat aatttatagt cgttgctggt taaaggccta aggaatgcag tccatggtct 240
gtacattt 248

<210> 14358
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<212> DNA
<213> Glycine max

<223> Clone ID: 700964422H1

<400> 14358

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cgctgctag tgcggcaatg gctgtggagg ttgcacgatg taccagact tgagctactt 180
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gagtgtctg 248

<210> 14359
<211> 246
<212> DNA
<213> Glycine max

<223> Clone ID: 700964423H1

<400> 14359

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ttgctcctta tttcttctct cgccgaatcc tagaatgtcc tcgtcgggggt tccctggcgg 180
cggtggtgcg tcggagtttt tcgccgggggt atgtggtttc ggcggcagat ccattccggc 240
gaccag 246

<210> 14360
<211> 248
<212> DNA

<213> Glycine max
 <223> Clone ID: 700964424H1
 <400> 14360

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cgtcaccttc gtcaccccca ctgacggccc accttctaaa gcccaaaagg ccgctttcca  180
ggccctcccg gactccattt cccacacctt cctccctccg gtcaatctct ccgactttcc  240
accgggca                                     248
  
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 <213> Glycine max
 <223> Clone ID: 700964426H1
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cggagaattc ggaactgtag tgtgattcta ctgctgcctc ttctcgcttt tccgaaatgc  180
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ttgt                                     244
  
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 <213> Glycine max
 <223> Clone ID: 700964427H1
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ctgtggcaaa ccccccaaaa agcacaagcc tggtaaaaca ccaaagacac ccacagtacc  180
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245 .

<400> 14363

<400> 14364

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6513

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tggttttgtt gcacatgtca ggtggaagag tcttaccat cggatgaaaa tgagcacctg 240
aaaagcccaa ggaattat 258

<210> 14366
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700964362H1

<400> 14366

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acgtcatcca ctatcaatca actgggcttt gaaatggtga aggagaccga atactatgac 120
gtgctgggtg tcagccctac ggcacccgaa gccgagatta agaaagctta ttacattaag 180
gcacggcaag tgcacccaga taaaaacca aatgaccctc ttgctgcaca aaattttcag 240
gttttaggtg aggc 254

<210> 14367
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700964363H1

<400> 14367

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caagttcaaa ttttgggagg acagatggat gggctgggag gtttcgttga ttgcaagata 180
ccctaggttg tatgttatat cttcacaaca aaaccatata atacaacaca tgggggtctt 240
ccgagataaa ggggtgggaat gg 262

<210> 14368
<211> 113
<212> DNA
<213> Glycine max

0609

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tagatacggt	cgtgcgtacg	taggaagggg acgtacgcgg tagtacacaa gacacgacgc 180
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ggatcactgt	tgctgct	257

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gctatctgtt	gtgtgcttga	agaacctaaa	tcgtgtgctg	ccagcaatgc	cacgcctcca		180
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atacttgccc	tctt						254

<210>	14371
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<212>	DNA
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<223> Clone ID: 700964369H1

<400> 14371

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 gtgggcaata cagcaatgag gtggcatgtg ccagttggag gcttggcgtg gaagcaaaca 180
 acgtagtcaa gtggcaaaact gttcctgcag cttgcggaga gtacatatgt gactacgttc 240
 taggagacca atat 254

<210> 14372

<211> 250

<212> DNA

<213> Glycine max

<223> Clone ID: 700964370H1

<400> 14372

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 tcagcgcttc tgagccttat gcttgacaac tcctccgac tcctctctca agtcgatcag 180
 cccctccagg ttctgtgcga tgtggaatgc ggcaaggagt tcattttgtg cgaatacaat 240
 agagatgccg 250

<210> 14373

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700964371H1

<400> 14373

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 agattcagag aagcaatgca atgtaaaaca ggttgctgaa cctgaactga ataattgatgc 180
 cccaagtgtc gcaagtgtga gttggaagtg gaacgaggag gatattgatg ccccatcaat 240
 tcttgaagca t 251

<210> 14374
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964372H1

<400> 14374

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 caagaaatct agccgaactc ttgtctcaaa ggttccatgt gccactctca gaaactttct 180
 ttcaaatttg caagagggtta ttcttggcac caagctttcc attctcatcc ctgctattcc 240
 agctgccatc gtt 253

<210> 14375
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964373H1

<400> 14375

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 tacgtgaacc agggttatcc tctgcagcca cctctaccgt actacatgca cccgcacgct 120
 cctcctccgc agatgttcag cgatgaaaac cccaatgcat gttcaatcat gtgatgatcg 180
 gtgattaatt ttccgtgtac acttacacac gtacgggata cggatacggga atacgcatgg 240
 tgtaatttgt 250

<210> 14376
 <211> 214
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964374H1

<400> 14376

agcgcattctc agttcttcac ttttatacgc taatctcatg tacagattat acatttaaga 60
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gaacccatat tagatttggg atactatata ctatacgata caatctatat ggctccatag 180
ataaggggtgc atgttttcag tatgtgcaga gcgt 214

<210> 14377
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700964376H1

<400> 14377

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ttctttcttct tcttcttttc aactctctgt ctctctacg gattttccaa cgccaccgat 120
attcactatt gcgataagaa agctgactat gatgttgagg tcaaaggggt tgaaatatct 180
cctgatccca tcgcacgagg ccagcctgct acattcagca ttgctgcaac tacaggtaaa 240
gctttatctg gagg 254

<210> 14378
<211> 257
<212> DNA
<213> Glycine max

<223> Clone ID: 700964377H1

<400> 14378

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atctttacaa aagaatttct caactgcac aaaaccaggg gtttcctcag cttctgggtc 120
tccgggcaag ccacctgagt ctaatggcac tctatcaaag tttttcattg gaagtgtagc 180
tttaggtgct gcttttctgg cagcttatca gactggttat ttggatcaat atcttaagaa 240
ggagcattat agtggtc 257

<210> 14379
<211> 256
<212> DNA
<213> Glycine max

<223> Clone ID: 700964378H1

<400> 14379

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 ccagattggt ttaataaaatc aaagccaatg cagtacacct atataaaacg caatatatat 120
 ctcactaaga aggtcaagag atcccgattt gatgatgatg gcatattctg ttcattgtact 180
 ccttcccctg gatctactag tgtatgtggt agagattgcc actgtggaat gcttctgtct 240
 agctgttcac caggct 256

<210> 14380
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964379H1

<400> 14380
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 tatcgatatc ctttgcagtg aagtctgagc gttgcacaca aagatattta ccaatataat 120
 ataaggctgt aatttctaag caaagaaaat ggtgaagata tgtggaattg gagccgggta 180
 cgtagggggt ccaacaatgg ctgtgattgc cctcaaatgc ccctcaattg aagtggctgt 240
 gggtgacatc t 251

<210> 14381
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964380H1

<400> 14381
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 ggtcagggtc cggcaacctc atcggcgaat cggcatgcca acacaatgaa tgcggaacct 120
 ccgctgccgc cggcgctcct catgtcgggt tcttgccctc cggactacga cctcctctgt 180
 ggcgaggaca cctccggagt cctctccgga gagtgcgccg agtgctcctc atccgacatc 240
 ggctcctcag cacttccgcc gtc 263

<210> 14382
 <211> 250
 <212> DNA

<213> Glycine max
 <223> Clone ID: 700964381H1
 <400> 14382

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 tcatgtagat ataattatatt cggttatattt tccttgcatg ggctgttaag atgtctcgca 120
 cgtgctcaca gtgcggcaac aacggccaca actcacggac atgcaccgac ggtggcgccg 180
 ccgggtctcc gagggagaac ggcacatgc tggtcggcgt aagagtcagc acggaagcta 240
 actcctcctt 250

<210> 14383
 <211> 257
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700964382H1
 <400> 14383

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 aacaacatcg ccgcgtatcc tcggatcccg aagaagcgca aggtagtcgg cactgcagcg 120
 gcaggagggtt cttacgagtt cgcgccacgt gtcaatttct cctacggaaa ctcccgcggt 180
 tcgggttcgg gcaaggagtg gaacgagcac gagactttcg tactgttaga agtttgggga 240
 gacaagttcc tccagct 257

<210> 14384
 <211> 252
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700964384H1
 <400> 14384

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 gtgaaggaaa tacttatgca tataaataaa tttgtggggg gtaatacttg tattataggt 120
 taattttgtt actgcttttt aaattatgga gacaatttat aattgtgctt gtattttata 180
 ttaagagaaa tttaaaagct tgtgagggtca gttgtcccaa aattcaccaa gtacctaata 240

ttatttgtgt tg

252

<210> 14385
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964385H1

<400> 14385

accaccacct gttgcatcat tggagcatgg tgaaggtgct catcatgaag gagaggccaa 60

ggagaagaaa ggtatattag aaaagataaa agagaagctt cctggttatc actccaagac 120

agaggaggaa aaggaaaagg aaaaggagag tggtgctcat tgatatttaa gattgagaca 180

aggctttttt gttggttgga gatgcatgat tgtggtgtgc tttgttttca tttcatcata 240

tgacagcctt g 251

<210> 14386
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964388H1

<400> 14386

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tgtctgctct ttaatgattc tatctccttt tctcatagac taatcatgtt gaaatatatc 120

aactggcta gctacactac ttaaattgta tttgatgtaa agattcagca aatacatttt 180

gaatttcaat attctctgat tgcttcttgt gtccctgaat gtctcattga ggatgacctg 240

gttttgtctc t 251

<210> 14387
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964389H1

<400> 14387

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tgcttgtag ggttgccagc tgcattggtg tgggtggat gtttagtttt gggcacataa 120
 ttcccttggc agaagctgaa attccatgtg gcagggtgca aatcactggg gctccatgca 180
 tagggtagct aaggggtcct ggtggagggtg tcctgcacc atgctgcaat ggggttaaga 240
 gcataaa 247

<210> 14388
 <211> 251
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700964360H1
 <400> 14388

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 gctacaggaa gaggttcctt tgggtcccttt tgcgcccttt ccttcagggtt gacttggttt 120
 ccacaattca catcgctgat gaagagtatt ttctggcctt ccaaaaggaa ctcgagagct 180
 atgatttgtt cctttacgaa atggtagcta gcagggaag tttagaaaat agaagaaatg 240
 ctactaatac a 251

<210> 14389
 <211> 242
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700964390H1
 <400> 14389

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 aatattctaa taccgtattc atattcctga gaaagtgttt gtgtctctct atctatatgg 120
 cagccttcat cctcatctcc aagtccaagc ttcaatccac agtacttggt cttgtcctaa 180
 acctatcttt cttcttcctc ttctgtctcc ttctaaaggc ttattatctc caccctccta 240
 ac 242

<210> 14390
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964391H1

<400> 14390

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cagagaggat tgcctgaaag atccgtttct gttcttcgtg cttggctctt cgaacacttc 120
ctccatcctt atcctaagga ttcggacaag cacatgctag caaaacaaac agggctaact 180
aggagccagg tttcaaattg gtttataaat gctcgagtcc ggctttggaa gccaatgggtg 240
gaggaaatgt acatg 255

<210> 14391

<211> 271

<212> DNA

<213> Glycine max

<223> Clone ID: 700964332H1

<400> 14391

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acgtaacatg gagaatatcc atatacagca cagcctatgg atcaaatac attcaaattt 120
agataaatac taaaatcaaa tatgaccgac cgtctactga aacataggaa gcaagaattt 180
ccattcctag gttggttctc tattataaat atacacatct atgctaggta tgtcgggtcat 240
ctaaataaca ggccgggtctt ttaagtgtcc g 271

<210> 14392

<211> 264

<212> DNA

<213> Glycine max

<223> Clone ID: 700964333H1

<400> 14392

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cccaaggagt cgggccgaac gaggatccac ccccttcctt gacgaacaca gagacgtgtg 120
ttttggattc tatttgtgcc gtggtttgag atttagatgc gaatagatat ataccctgtc 180
ttgtgccgtg tcccccttaa gccaatgca atcaaacaaa gtttcgggta ttggtgttca 240
tttttcttcc tcgatcttcc tcta 264

SECRET

<400>	14393
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<210>	14394
<211>	254
<212>	DNA
<213>	Glycine max

<400> 14394

<210>	14395
<211>	256
<212>	DNA
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<400> 14395

6524

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 aaaagaatca acaaaatcag atttggtgaa gaagagagtg tgatttgatg attatgaatt 240
 gaagtttgag gtggag 256

<210> 14396
 <211> 258
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700964337H1
 <400> 14396

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 agtcagcatc gccgtaaccg ttagatcgag cgactacgac tacgatttg tgtacactgc 120
 atacgttaga accggttcgg tgttgaaggg cggaacggac tctaagatcg ggctgaagct 180
 gtacgacaag tacggctact acatctacat taaaaacctc gaagcatggg gcggcttgat 240
 gggcaagggc tacgacta 258

<210> 14397
 <211> 255
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700964338H1
 <400> 14397

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 atacgggtccc cactgtgctt ccaccaagcg ggtgctgggt tgtctgggtg agaacgaagt 120
 cgaatttgag gttgtccctg ttgatgtcac taagggggag cataaggatc ctgagtacct 180
 caaactacag ccatttggag ttgttcctgt catcaaagat ggagattata ccttatatga 240
 atctcgtgct ataata 255

<210> 14398
 <211> 248
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700964339H1

<400> 14398
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 actcacacag cttcttctgg gggcaaaagg ggtcattttt cagatccgag gttgagctcc 120
 tctacccatc atgatggagc tcggatacct gaatcagggt cagccttcta gaggaacaac 180
 accacttgtc actcttccat tgttgctttc aacacttggt ttcttctcca ctttcacaca 240
 tgctttct 248

<210> 14399
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964341H1

<400> 14399
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 gctactcgcg gcgagtgtgg cgggtggatgc tcaggagaac tcggacgtga agacgctggt 120
 gaagtacaag cacgggaaga agtactgcga caaaggatgg gaatgtaagg gctgggtcgat 180
 ttactgttgt gacctacca ttaccgatta tttccagacc taccagttcg agaattctgtt 240
 ctccaagcgg aact 254

<210> 14400
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964342H1

<400> 14400
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 ccaacttcac atcgagttcc ttccacaatt cccactttgg attccgctaa actatcatcc 120
 actaaggcca ccaagtcaca acaacctttg ttcttaagat tttccaaaca cttccgctca 180
 attgggttgc accatcacag tcacagatgc tgctcaaagt ctgttcccga gagaccccag 240
 agacccagtt cca 253

<210> 14401

<211> 255
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700964343H1
 <400> 14401
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 tcagagtcaa aaccccattg agcaaatacca agcgcgcttc aaggacttgg aaactggatt 120
 ccgcctctgg ctctccaagc agtccctccc cgtcggaggcc gccgtcgtca ccaccaccag 180
 cgccgcccag ggccgcccga tcgggccttc atgggcaccc tcaccgccga cgcctcctcc 240
 accttcccca ccct 255

<210> 14402
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700964345H1
 <400> 14402
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 gcttgtgggc tgtgtagaac tcaaatacgat caaataaatg gctactgaac atgaagacga 120
 tttcaaggat gagaagaatc cccgccccct cgacgaggat gacatcgccc ttctcaaaac 180
 ctatggtttg gggccttatt ccacaagcat aaaaaaagtc gagaaggaaa tcaaagacat 240
 ggcaaaaaag gtcaatgatt t 261

<210> 14403
 <211> 258
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700964346H1
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 agatgaaaac atcaggcaaa gggcagttgt tggctctcaa atacttgtga ggagttcgtt 120
 tcgttacttt atgcatacag ctgattgag agtcatgttg attgtcacat tatcagagct 180

aatgtctgat gtgcaagtga ctcatgatgag atctgatgga agcttagaag aaagtgggtga 240
agcacggaga cttaggaa 258

<210> 14404
<211> 279
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700964347H1

<400> 14404

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ccacatgatt cacctcnagg gcttcttttc tctttacaag ggtttagtac cctccattat 120
cagcatggca ccttcaggtg ctgtctgcta tggattgat gatgttttag agtcagcata 180
tctgcattca cctgaaggaa tgaaaagaat ccaacacatg aaagaagacg gtgaagagct 240
gaatgcactg gaacaactgg aattgggtcc tgtcagaac 279

<210> 14405
<211> 266
<212> DNA
<213> Glycine max

<223> Clone ID: 700964348H1

<400> 14405

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gacgacggca aggactacca ggagccggcg ccggcgccgc tggttgacct gacggagttt 180
acgtcatggt cgttttacag agcagggata gcagagtttg tggccacttt tctgtttctc 240
tacatcacccg tcttaaccgt tatggg 266

<210> 14406
<211> 256
<212> DNA
<213> Glycine max

<223> Clone ID: 700964349H1

<400> 14406

003340 E F F E 50

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tgtcggagaa ggtgacactc cggctccact cgagccaact actcgcccct ccaggcgccg 120
gagtttggac atcttaccct taagatacat cgctgacatg gcggtgccgc cgtcggatgg 180
ttcacggaaa cgtcccaagc tggatctcag ggaccgcgat aacgtagttc aaaattgcga 240
cgaatccact ggacac 256

<210> 14407
<211> 255
<212> DNA
<213> Glycine max

<223> Clone ID: 700964350H1

<400> 14407

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gtgcagtcaa attcttgctg cagtacttag ttctattatg cctcctcaac tatctacctc 120
tttctcaagg taagcagaac tggaatgaag ggtacccatt tataagaaga gcaagttcat 180
tggtgttataa tgggaaaagt ggaggggatg attatataat agtgggggggt ggaacagcag 240
gggtgtccatt ggctg 255

<210> 14408
<211> 256
<212> DNA
<213> Glycine max

<223> Clone ID: 700964352H1

<400> 14408

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aagtaatcta acaaagtaag cacaatgagg gagatattgc acgtgcaagg tgggcaatgc 120
gggaacccaaa tcggttccaa gttctgggaa gtgatatgcg acgagcatgg catcgacccc 180
accggaaaagt acaccggcga cgaggcctcc gatctccaac tggagaggat caacgtctac 240
tacaatgaag cctccg 256

<210> 14409
<211> 255

<212> DNA
<213> Glycine max

<223> Clone ID: 700964354H1

<400> 14409

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tcaaagctag cactttaccc accaccacaa caacccttt tgctcccacg tgcacagagt 180
caaaccacaa gctctttttt tctctccaaa ccacacaaa caaaaacaga gcttctctgt 240
tttctccatt ccaa 255

<210> 14410
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700964355H1

<400> 14410

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ggagggagtt tcaataatct tgaagggtat tgcttcctta ctttcaccta cagcctttgc 120
tttgggttcg atcaactttg ctgattatga gcgtgctcat gttggactcc gttggagcaa 180
catatggcgg gaatcatctg gagtgaactt tttggcatgt cttctgatga tgatacttga 240
tacactgcta t 251

<210> 14411
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700964356H1

<400> 14411

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ggttgctgaa ttttactgat ggcttggtgt cttggtgtgg aagtgaagg atttttgtgt 120
ttaccaccaa ccacattgag aagcttgacc cggtctgtgt gcggagtggg agaattgata 180
tgcatatatt catgagttac tgctcgttcc cggcgtgaa gattctgtgt aagaattact 240

251

<210>	14412
<211>	253
<212>	DNA
<213>	Glycine max

<223> Clone ID: 700964357H1

<400> 14412

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ttaacaaacc	tcaatcactt	cctccatacc	ctgagatgat	agtgaaagca	cttgaagcac	180
tgaatgagcc	aaatggatcg	aacaagtcag	caatatcaaa	gtacatagaa	accacctacg	240
gtgagttgcc	aga					253

<210>	14413
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<213>	Glycine max

<223> Clone ID: 700964358H1

<400> 14413

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gccctagacc	accgcaagcg	acgtcgcaca	cgccttcat	ccgttagggc	aaaaatgagt	120
cgaggaagtg	gaggtggata	cgatcgtcac	atcactattt	tctcccctga	aggacgtctc	180
tttcaagtgg	agtatgcttt	caaggctgtg	aaggctgcag	gaatcacctc	gattgggtgtc	240
cgaggaaagg	at					252

<210>	14414
<211>	259
<212>	DNA
<213>	Glycine max

<223> Clone ID: 700964359H1

<400> 14414

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ctgcagaaca gaacgcgtcg tctcatttct ctccgcatcg ccgtcgcaac aacaccgccc 120
 agaagataac ctcttcaatc ggaaaatgaa cgctgataac ggttccagag acgccaaact 180
 cgacaaccaa cacgcaaaag acaaagaaaa ggaggaactc accgagaata tgaacaagtt 240
 gcatattgaa ggatcttcg 259

<210> 14415
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964331H1

<400> 14415

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 ccccttcccc tttttctaca ttaaaaaact atgaatgaga tttttcttgc gatcatcatt 120
 gcttgaattg aatcatatta ggtttacatt ctgaattcga ttagatttag catttagggc 180
 ctattagggtg ttggtgtgat tgtttgacc ttctgggtgg ggagcttggt ggaaattgga 240
 gatgagtcag aggggtttaa tatatag 267

<210> 14416
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964296H1

<400> 14416

gaactttgac gccattggcc attgagttaa gtaagccaca tcctcagggt gaagcatatg 60
 gtctgttag tgaagtctac gtgccttcga gtgaaggagt tgaagcttac atttggttac 120
 tggcaaaggc ttacgttggt gtgaatgatg cttgctacca tcaaatcatt agccattggc 180
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 ttcaccctat ttacaaactt ctg 263

<210> 14417
 <211> 272
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964301H1

<400> 14417

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cccttactct tccctcctcc gtcgagccct ctccgattcg aatcgttccc agcctcgac 120
caccatgaat cccgaatacg attatttggt caagcttttg ctgattggag attctggtgt 180
aggcaagtca tgtcttctcc tgagggttgc tgatgattca taccttgaca gctatatcag 240
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<210> 14418

<211> 192

<212> DNA

<213> Glycine max

<223> Clone ID: 700964302H1

<400> 14418

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aggagtgcga cgagatcggg gagggagccg cctcgtagcg attcaacaac aagagatcta 180
aggcgactcc gt 192

<210> 14419

<211> 263

<212> DNA

<213> Glycine max

<223> Clone ID: 700964303H1

<400> 14419

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tcaaacattg cttaaagcat gtggctggag atgcagatga gtgttcagtt tgttctggga 120
ctggtaaagt caggctctat taatttggtga aactagattg ttttggatgc tattaaatga 180
ggctggaagt cgaggaatct gtaaattggg ttgcaactgt tctgaagttg ttattacgac 240
gcacttgaac tttgcttcat gtt 263

<210> 14420
 <211> 248
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 <213> Glycine max

<223> Clone ID: 700964304H1

<400> 14420

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 ttcccgatcc caaggatgct ggtctcaagg accagaagaa cttcatcagc tatgggtggag 180
 ttgggtgctta ttcggggatt ggtagcaatg ggctaccttt tggaggagtt ggtgccggaa 240
 taggtggt 248

<210> 14421
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964305H1

<400> 14421

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 ccgccaaaac gccgtcgttt ccttcaggaa gaagaagcct ctactctca gagtgggtctc 180
 aatgtcttcc gttcctcctt cccaaccctt cgaaatcgcc gttaaagctt ccgtcaccac 240
 acccaacagg ctcggcgact gcccttt 267

<210> 14422
 <211> 266
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964306H1

<400> 14422

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 ttacaagggg tgggtgccatt tacggcataa ggattaagga gggataaagg gaccaattgc 180

002260"EFFE60

tttggaaat ccactcatta caatgcatgt atgacaacac atagtaatat gatgtgtgtt 240

tttattcagt gggcaactgg cagatc 266

<210> 14423
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700964308H1

<400> 14423

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ttgagcaaaa aatgggagtt ccagagagag accctcttgc acaattgagt ttgcctcctg 180

ggtttaggtt ttaccccaca gatgaggagc ttttggttca gtacctttgc cgcaagggtg 240

ctggccatca tttctctctt c 261

<210> 14424
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700964309H1

<400> 14424

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agtagaatca caattacaag aagcattgca gaggcatact gagaaggaat ccgaaaccaa 120

agaattgaat gagaagctga atacactaga aggccaaata aagcttttcg aagaacatgc 180

acgtgaagca gttgcaactt ctggaactca taaagctgaa ctggagcaga gtctcataaa 240

attaaagcat cttgaaattg t 261

<210> 14425
<211> 265
<212> DNA
<213> Glycine max

<223> Clone ID: 700964312H1

<400> 14425

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 cctcttgatg cacaaactcc ttcctctaag gcacagcttt gcaaggagtt caactctatg 180
 ggggtcacac ttgtccatgg agaacttgag catgaccaga ttctggcagt gattaaacaa 240
 gtagacattg tgatatgttc tcttc 265

<210> 14426
 <211> 264
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700964313H1
 <400> 14426

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 attatcacta ccatagaaaa agactttatt gtgatttctt atttgatgac caaatatagt 180
 gagtatgaag taactatttc aagcgagcat ccttggataa aagaaggcca tccactttcc 240
 gggcattgca tagctcatca gcac 264

<210> 14427
 <211> 266
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 <213> Glycine max
 <223> Clone ID: 700964314H1
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 tttcctcagc caaagcacia aaccaaaca gaaacctttt gatataattt ctgttattca 120
 cttcctttta gacaccacac taatccagat tagacattgt acaaatgggt tctctgttgt 180
 tcttgctttt gggtattgtt cttccattgt gttattgtgt tgactgcact tgctctaattg 240
 gaaactgcaa ggtaaattgat gattgc 266

<210> 14428
 <211> 269

<212> DNA
 <213> Glycine max

 <223> Clone ID: 700964315H1

 <400> 14428

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 tttggtaatt gcagcgaaga atggggaagc gtaaggagcg gattcagaac ccggaaccct 120
 tcgatccgta cggcgccgac cccgcgaaaa cgaagaagcg ctccaaggcg ccgaagcggc 180
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 <210> 14429
 <211> 166
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700964316H1

 <400> 14429

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 gctctttgag caagcccgcga agatccacaa ctccagccacc gccaccgcct ccgccgccga 120
 ccaggtacgc tttagtcttc tcattctgtc tctttttttt tttttt 166

 <210> 14430
 <211> 261
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700964318H1

 <400> 14430

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 tttctctctt tcttgaattt ggcgctgctg tttcgattct tcttccgaat cagagggatt 120
 ctggatttct tggtgaagat gcgacgtctt tctgcatcca aaaagtcggg tcaatccaat 180
 tccactccca acgccgccga tctcttccgc tctgcttcaa gtaaggcaag ctccaaggaa 240
 tcagaacgaa ttgatagtct a 261

03133020

<400>	14431
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<210>	14432
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<400> 14432

<210>	14433
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<400> 14433

6538

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 tggaacacctt ctcacact 258

<210> 14434
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964323H1

<400> 14434

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 ctcttcttct tcttcttctc cctccattag ggttttctta atgctgaatg tggcttcctt 180
 cgccgcacat tgacccttga cacaccacaa tgtccggccc tctcgaccgt ttcgcaagac 240
 cctgttttga aggtttctc 259

<210> 14435
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964324H1

<400> 14435

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 aggagagacc cactcttggg ggcacgcgga ttaagaccgg caaacggaat attgctgcgc 180
 cgctggaccc tgcagcattc tcggatgcag tggccagat ttatttggat aatgctggtg 240
 atctggaact tattgctaag 260

<210> 14436
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964325H1

<400> 14436

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aagtcttacc caactgtgag tgctgattac cagaaggccg ttgagaaggc gaagaagaag 120
ctcagaggct tcatcgctga gaagagatgc gtcctcttaa tgctccgttt ggcatggcac 180
tctgctggaa cctttgacaa gggcacgaag accggtggac ccttcggaac catcaagcac 240
cctgccgaac tggctcac 258

<210> 14437
<211> 257
<212> DNA
<213> Glycine max
<223> Clone ID: 700964326H1
<400> 14437

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ggaggagcac aactcaagcc ttgttgacgc tcgccttgcc acagatgcag ctgatgtcaa 120
gtctgccatt gctgagagga tatcagtgat tctacagaac atgacatcgc tccttacttc 180
tttcatagtt gctttcatag ttgaatggag ggtttccttg ctcattcttg caactttccc 240
tctccttggt ctagcca 257

<210> 14438
<211> 237
<212> DNA
<213> Glycine max
<223> Clone ID: 700964327H1
<400> 14438

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cagcagcagc agcagcagca accactacca atggtggggc catggaggag ttgctttcac 120
agctccaatc tcatctccag aaggctcttg ctggtggagg acccgaggca gtgaagagga 180
acacgagtag gaacgagtgt ctgccccgtg agagaatcga tcgcctcctt gatccccg 237

<210> 14439
<211> 263
<212> DNA
<213> Glycine max

<223> Clone ID: 700964329H1

<400> 14439

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 aacggtttca agttatgaca ggaaaagtga aatcaaggca tttgatgatt caaagactgg 180
 tgtccaagga ctggtagaaa atggtgtaac aaaagttcca cttatgttct attgtgaaaa 240
 ctctaacttc aatgatggca taa 263

<210> 14440

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700964293H1

<400> 14440

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 ccatgacaga cagggtgtac ccacgcca agcccgccgc gggttaacggc gccgcctcca 180
 acccatcttt cccggcgact aaggctcaac tttacggcgc cacacgcccc acctaccgcc 240
 ctcagcccca ccaccgg 257

<210> 14441

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700964261H1

<400> 14441

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 tctcactctc cgccgctggc cgccttagtg gtgcctctg aagattatca cctgagcgaa 120
 tatgtgtctg cacgagagaa gcgccgcgaa ttcgtttccg gcttcactgg aagtgccggc 180
 ttggcactta taacaaagaa agaagcactg ctgtggacgg atggacggta ttttttgag 240
 gctgagaaag aactta 256

<210> 14442
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964262H1

<400> 14442

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 tctgtcactt ctgttaatcc ttctaacaat cagagcatag ctcaagtgac tgaagcgact 180
 ttgcaagatt atgaggaggg attgcaagct tgcagtgaag cagccaagac atggatgact 240
 attccggcac cgaagag 257

<210> 14443
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964263H1

<400> 14443

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 gctgataagg agcaacagga ttttgggcaa aataatcagt tgaaagctcg gaaaaaatca 180
 caaggtaaac aagaggtaaa agcattgcag gagttttatg gtagctggtc tccttcatca 240
 actacatgtg gacaatttca ga 262

<210> 14444
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964264H1

<400> 14444

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ctgcaaaaga aattgcctgg ggttttagatc aatttttagt tagtgttctg ctcaacaatt 180
 gatatggcct cttttagac ttcaacttcc taactgggtag tagtttatcg ctgattgttt 240

<210> 14445
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964265H1

<400> 14445

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 tcagctgcaa actcgtgagg tgttgaagg aaaaccgccc acttgtaaaa tatttaaccg 120
 acagtatgct tttaatctat tctgcataa tgcgtctgtt ctttcaaag gatataatga 180
 agaagaaatg aaaatgggtca aggagaccag gaaaatctgg aataataagg acgttaaagt 240
 aactgccaca tgcatacg 258

<210> 14446
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964266H1

<400> 14446

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 ttgggagggc accgaagaag agcgataata cgaggacta cgaaatcctc ggcgtctcca 120
 agaacgcttc gcaggatgat ctgaagaagg cttacaagaa agccgccatt aagaatcacc 180
 ccgacaaggc cggatgatccc gagaagttaa aagagctggc gcaagcttat gaggttctga 240
 gtgaccctga gaag 254

<210> 14447
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964268H1

<400> 14447

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 cactcactcc cacctctaaa caaaataaag aaacacaaca ctactccca cctctgtccc 120
 tcttcttctt ctctctcttc tttttttctt tctcttccca tttcagtttt cacctatgtg 180
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 ctctctctat t 251

<210> 14448
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964269H1

<400> 14448

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 gttgtcgcca ctagaatgct agttgtgatc actttagtcc ttgcactagt atgttgtgtc 180
 acatccgctc aatcaccggc agcagcacca gcccggaga gcaacgggtg cttgatggca 240
 ctaacaaaca t 251

<210> 14449
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964271H1

<400> 14449

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 tgtttggttc attagtgacc attggtgcaa tgcttgagc tataacaagc gggcggatta 180
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 ggtagc 247

<210> 14450
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<212> DNA
 <213> Glycine max
 <223> Clone ID: 700964272H1
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 aaaaaaaga a 71

<210> 14451
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700964273H1
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 aacttgctgc agcatgggct gctgggtttt gctgctacat tttggcccta tgcaaatcca 180
 gaaacttcag caaattcccc taggtgctcc caaggacggt ttacaaatag acaaattggt 240
 tcccctccaa 250

<210> 14452
 <211> 252
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700964274H1
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 tcacctcctg aaatttgtgt tggtttggtta atataggcct tggagtggaa attcaatatt 180
 tgtatggcag ccagagaagg tattagttct ggggttacag tgataggtgc agaagctcca 240
 tcagcttacc at 252

<210> 14453
 <211> 252

<212> DNA
 <213> Glycine max

<223> Clone ID: 700964275H1

<400> 14453

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 gggtcagcat gaggaagacc gtcaccaagc aggcctcctc cggaagccca tggtagcgcc 180
 cagaccgct caagtacttg ggccattct ctggcgagcc cccgtcctac ctcaactggcg 240
 agttcccagg tg 252

<210> 14454
 <211> 253
 <212> DNA
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<223> Clone ID: 700964276H1

<400> 14454

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 tcccatccct gacgtcatga aggcctctat ccgccccgac atcgtaatt tcgtacactc 180
 gaacatctcc aagaacagcc gccagccata cgccgtcagt cgtcgogctg gtcaccagac 240
 ctccgccgaa tcc 253

<210> 14455
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964277H1

<400> 14455

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 ttctttgtgt tgtgtgtcgc gcgcgctcgc gtgttggtg tgagtttgtg aagtgagttg 180
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257

<210> 14456
<211> 257
<212> DNA
<213> Glycine max

<223> Clone ID: 700964278H1

<400> 14456

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ctgttgatgt ttcatatcaa ctagatagct acatgggtga gagagacatt tttctcatat 180
gacttctatt aaccatatta ttattgagca gtgctgctat gggcatttgt cttttgaaat 240
ggcaatggcc gtggctt 257

<210> 14457
<211> 248
<212> DNA
<213> Glycine max

<223> Clone ID: 700964279H1

<400> 14457

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caagtgcgat cgaagaagaa caacgacgat ggcgatggct gcagctctgc gtcgcgaagg 120
aaggcgtttg acccaaccaa tcaacgccct ccactcttct ctcaattcct ccctcatctc 180
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gaagagtg 248

<210> 14458
<211> 256
<212> DNA
<213> Glycine max

<223> Clone ID: 700964281H1

<400> 14458

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 gtgatggagg cgcatctgg gcccacttc tccggcctga gacttgacgg ccgtatgccg 180
 tcttcgcca ccgccgccg cgcgtcctcc tctgccgatt ctaccctaac ccccgatttc 240
 ctccccaatc aaccct 256

<210> 14459
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 <213> Glycine max
 <223> Clone ID: 700964283H1
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 gtcggcgcg gtagttccct cgccccgaag atcgggtcccc tcggtctctc cccaagaag 180
 atcggagaag atatcgccaa ggaaaccgcc aaggactgga agggcctccg cgtcaccgtc 240
 aagctcaccg tg 252

<210> 14460
 <211> 250
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700964284H1
 <400> 14460

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 tttctggagt agttagagtt acatgtgttt tgcaggcaca tggcaacaca tgaaatggat 120
 cccgatgttg ttcgctgggg tcttcatctc ctagatgtct gcacactttc tcaccatggt 180
 tcccctagta ttgtaactca atatgatcct gatttaagtc gagttgaata tgttaccgaa 240
 gcttttgtca 250

<210> 14461
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964287H1

<400> 14461

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 ggaatgggtg tgacttttgc accaactgga ctgacaactg aagtcaagtc tgtggagatg 120
 caccatgaat ctcttacaga ggcacatcct ggtgacaatg tgggattcaa tgttaagaat 180
 gttgctgtta aggatttgaa gcgtgggttat gttgcctcaa actcaaagga tgaccctgca 240
 aaggaggct 249

<210> 14462

<211> 250

<212> DNA

<213> Glycine max

<223> Clone ID: 700964288H1

<400> 14462

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 tgttgctgag catagtgtaa acaccttcct ggaattgcag aggaagaaag ttcacgcta 180
 tgtgattttt aaaattgatg agaaacagaa agaggttatc gttgaaaaaa ctggaggccc 240
 tgctgagagc 250

<210> 14463

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700964289H1

<400> 14463

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 tgcttgtagg ggttgccagc tgcattggtg tgggtgtggat gtttagtttt gggcacataa 120
 ttcccttggc agatgttgaa attccatgtg gcagggtgca aatcactgtg gctccatgca 180
 tagggtagct aaggggtcct ggtggagggtg tccctgcacc atgctgcaat gaggttaaga 240
 gcataaacia c 251

<210> 14464
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700964290H1

<400> 14464

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atacacatct aggaaacgct atctatggct ttttacggag gcgcgaaacg cgtttgtgta 120
tccataaggc actattgttc gaattcagcg tcagagaagg tgaatctgat aaagcagctg 180
agagagagaa caagcgcagc tatgaaggac gtgaaagcgg ctctggtgga ttcgaattgg 240
gacatagagg aag 253

<210> 14465
<211> 255
<212> DNA
<213> Glycine max

<223> Clone ID: 700964292H1

<400> 14465

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cacgaggacc tcccctcagc ctgatcagtc acttatgaca ccaacgtttg gtttgatttg 120
cccacctacc ttgtaccatg tcaagcatag tcctagaaaa ggagcatcaa tcaaatcagt 180
cttctgttaa gtgttaatgg ttgaaactca agcatttcaa ttctatcctc ttgaacttca 240
agccttcttt tcatt 255

<210> 14466
<211> 256
<212> DNA
<213> Glycine max

<223> Clone ID: 700964260H1

<400> 14466

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agctcagggg aagagaacgg gagctgcgca aaagaaagga aagagaagaa caggaaatgg 120

aaaggggtgcg actaaaaatt cggagaaagg aggaggttac ttcttttcaa gctttacttg 180
 tggagacaat caaagaccct ctggcatcat ggacggaatc taagcctaaa ttagaaaagg 240
 atcctcaaag acgtgt 256

<210> 14467
 <211> 255
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700964230H1
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 aggtgaagcc ttaccttgct atattgtccc ttcagtttgg ctactcaggg atgtatatca 180
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 tagttgctgc tatta 255

<210> 14468
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700964231H1
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 cgacaccttt tcgagcgttt caggtggtgg ggggtgtgagg gagaaggtgg agaagtataa 180
 aatgtgtgat gtgagaatgg tggattatgt gccgtgtttg gataacgtga aaacgatgaa 240
 gaaatacatg gagagtttg 259

<210> 14469
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700964232H1

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 agatataaac gtatcaaagg tagtcccagg gttgaaggcg atgaagagga agatgacact 120
 gatgacttgg acaatgagtt tgattatggg gatgttgatg ctctgggccc acaaccaatg 180
 tcggaatcct tgtattctgg acgccctaact actgggcgag gtgctgataa cggatcttgc 240
 atggcgacaa acttgg 256

<210> 14470
 <211> 262
 <212> DNA
 <213> Glycine max
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 aattgggcgg atcttcatcc tgattcccag aagattctcc ttcagatcga ggagcggata 180
 ttggagttta gggatgaaag ccagagacta gatcagtgtg gtctgtcttta tgattcttca 240
 gtttccaacg atggatttga gc 262

<210> 14471
 <211> 256
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700964234H1

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 ctgtagcaaa tgtgactggg tgtgggggtt gccagtttgt gtatggattt taagagtaat 120
 ccaggatgag gcattctcgt tattctgtgc cggatataatt aagccagcac tccggcttgg 180
 tctttagacc agagtctgat tctggctaga atagtagttt gctgaggctt tcagaagcag 240
 tcaagaatca agatag 256

<210> 14472
<211> 252
<212> DNA
<213> Glycine max

<223> Clone ID: 700964235H1

<400> 14472

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ttctttcttc tcatcgact ccctcttgga agaagctcta ccaccttgaa tgtaccaaag 120
gacataatca accaaacatg ccaaaaatgt gccaaccaat ccatcatctt gagctacaac 180
ctatgctcca cttctcttcc ggcggttccg gtgagtcact ccgcaaactt cgaagggttg 240
gcgttggttg ca 252

<210> 14473
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700964237H1

<400> 14473

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agctcctccc ggcggtgctc gcggcggcgc tgctcctct cgcactctc tccgacgccc 120
acaacatcac aaccatctc tcaaagcacc ctgagttctc cagcttcaac cactacctga 180
ccctgaccca cctggccccg gaaatcaacg gcaaaaccac catcacgctc tgcgccgtgg 240
acaacgccgc cat 253

<210> 14474
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700964238H1

<400> 14474

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tgattctatt tgatggtgag atcgtggagt tcttaacatg ggaacttcgg agaaatagat 180

atttacttgt caatctgggc gatcctgagc gacctgtatg taaggttgga gattttggcc 60
 tatccagaat taaacgcaac acacttggtt cgggtggtgt cagaggaacc cttccatgga 120
 tggcgctga attactagat ggtaacagtt gtagggatc tgagaagggt gatattttct 180
 catttggcat tgcaatgtgg gaaatgttga ccggggaaga accatatgct aacatgcact 240
 gcggggctat cat 253

<210> 14478
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964242H1

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 gtggaggtgt tgctattgca gcagcttctt cacaacgca aacacaagag attgacagt 180
 ctggcggcga caggaggagg agatacaggg gagt.gaggca gaggccgtgg gggaaatggg 240
 cggcagagat tc 252

<210> 14479
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964243H1

<400> 14479

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 tctcttttgg ttcctttctt atatgccata tttgcatctg atgcagcaat tcctctgtaa 120
 cggttattat ttttgtgaag gggttggaga gaaacactga tcagtgacta ctgcttggtt 180
 gctactactg aaaatggatt acagcaatga caacaaggag ccatgggatt ggcatagga 240
 ggattattgt ctct 254

<210> 14480
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259

<400>	14483
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<400> 14484

<400> 14485

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 gcgtgtgatt gagaggttcg agaaggaggc tgccgagatg aacaagaggt cattcaagta 240
 tgccctgggtg ctc 253

<210> 14486
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700964253H1
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 cccctcagat gtggggcccca tcggcccagc ctccgtccca atcggtagct cctccgcaac 180
 ccaccagcgc cgatgaggtc cgtaccctct ggatcggcga tttgcagtac tggatggacg 240
 aaaattatct ct 252

<210> 14487
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 <223> Clone ID: 700964254H1
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 ttaactcaga gcgagtgaag gtgttgctgc gtgatgtctg gtggtatcgc ccgtggacgc 120
 ctcaccgagg agcgcaagtc gtggcggaag aaccatcccc atggttttgt tgcgaagcgg 180
 agacgctgcc cgatggaacc gtgaacttga tgggtgtggca ttgcactatt cccgggaaga 240
 ctgggactg 249

<210> 14488
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964255H1

<400> 14488

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 atttgtgagg aatccattga aggaggaaga gtgggagatt tatgtcgtct tgggttttatt 120
 tggaagtagt gattggagct ttgttgaagc tcgggttcgg ttacgcttgt atttgctgca 180
 tgctactctg gctggtgttg aattctgctg tttcgatgag tttgaggtca aaaaggacat 240
 gttatggagc 250

<210> 14489

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700964257H1

<400> 14489

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 cttcgaaccg ggagagttgt catcgtggtc tttctatagg gctggcatag cagagtttgt 180
 ggccactttc ttgttcctct acatcacagt gctgactgtg atgggtgtgt tcaaactctaa 240
 cagcaagtgt tc 252

<210> 14490

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700964258H1

<400> 14490

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 tttatcctca aagcaggtac tgagctacgt acacccatgc acgataatat acgataatga 120
 cgaacacaac ataacaaccg caacaactgt tcaaacgttt cacaacttct gctacttcct 180
 actccaaccg cacttctgct ccgcaattat catgggcaag gtcaagatcg gaatcaacgg 240
 atttgaaga attggc 256

A

B

C

D

E

F

G

H

I

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

X

Y

Z

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<223> Clone ID: 700964190H1

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 aaaactcacc accctcaaaa ctattgatga aggagaaagt agcaagctgc agaagacggt 180
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<223> Clone ID: 700964192H1

<400> 14495

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 tctatgaaac tgaccctgca atctgaggcc acaatcggtg gagattgttt cattttcata 180
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<223> Clone ID: 700964193H1

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tgtacacatc aaggaagaaa atccacaagg ataaggatgc tgagccaact gaatttgagg 120
aatcagtcgg acaggcattg tttgatctgg aaaataccaa caatgagctg aaaagtgatc 180
tgaaagattt atacataaac tcagctgtcc aaattgatgt ttctgggaac cgcaaggctg 240
tggtt 245

<210> 14497
<211> 244
<212> DNA
<213> Glycine max

<223> Clone ID: 700964194H1

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tcggagacct tgcaagactt catcaatggc tgtcaaagtt tatattgtgt actactccat 120
gtatgggcat gttgagaaac tagcagaaga aataaagaaa ggggcttcct ctgtggaagg 180
tgttgaggcc aagttatggc aggtacctga gacactgctg gatgaggtgc ttggtaagat 240
gagt 244

<210> 14498
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700964195H1

<400> 14498
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tttgaatctc caactacagt aattctgctt tcatgcogac atttttgttt gtgtaaatct 120
tgttcacttg cttgttttga ggggtccaata tgccgcacaa gtattactga taggattttt 180
gcttttacat aacagagggc tttatcccat tgaattaata tactccatgc tattacgggt 240
gcaattc 247

<210> 14499
<211> 264
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<223> Clone ID: 700964201H1

<400> 14499

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aaacattcca ctgagaaaat atactctaca agttcttggtg catcaaaagc ttgcaaaac 180
aaaaggaaaa ttcaaattgga atacaatctt ttgagggttcc aacaaccaac ttggaatcat 240
cattacaagt ctactgagag aggg 264

<210> 14500
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700964202H1

<400> 14500

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cgacgaagaa aacgtgccct ctccctccac cgctctcgct gtcaccgtcg ccgtccccgg 180
ttccgcgcgtc tccaacggcg gcggtggctc tccaatttcg aagcccaccg ccaccgccac 240
caccgccacc atcgctcctcg 260

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<211> 254
<212> DNA
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<223> Clone ID: 700964203H1

<400> 14501

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aaaccaagtt tggatttggc catgtgttta catgttactg cagcaatata ttgcagtttg 180

ggacatttca gtgaagcgat tccaattata gagcgctcaa ttgagattcc cactattgag 240
gaagaccacc aaca 254

<210> 14502
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<212> DNA
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<223> Clone ID: 700964204H1

<400> 14502

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cagaggctga ccctttgaag cgggtaccat ttgaaaaacc tcagtttagt ctcagccaga 180
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ttgtttatga cctc 254

<210> 14503
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700964205H1

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tgatcaaggc aatgggtcag acgctgagtt gcgtgcaaca gcacgaggac catgggtgtgc 120
tcttcctgc acttgcaagt ggagaattgg aggttgttga ggccatgggtg gaggaagacc 180
ccactgtgtt ggaacacacc attggctgtg acaggctttc tcctctgcat gtcgctgctg 240
ccaatgggtcg gat 253

<210> 14504
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700964206H1

<400> 14504

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 acgccaaccg catgcacgac tggatcgctg acaacctccg cgcgtgcggc ggcacgtacc 180
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 gcgaccccaa aaa 253

<210> 14505
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964207H1

<400> 14505

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 tcatcgatca tcgatcatcg atggcgctctg ctagccttgg aagtgggtggg gtgggcagtt 180
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 agatgcttg 249

<210> 14506
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964208H1

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 ctgtgccaag agaggggggtg aaagaccata caaagaagcc aacacactgt tcataagaac 180
 atcttgacgc tccacaacat atccaagact ctgctacagc tccttagtga agcatgcaga 240
 cttgatccaa acaaa 255

<210> 14507
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<212> DNA
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<223> Clone ID: 700964215H1

<400> 14507

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ctaattccagc cttaccggtg gcaaagcctg ttaatgccag ttttaccaaa tgacatgctt 180
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cagtcaaagt ttaccaatgt 260

<210> 14508
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<223> Clone ID: 700964216H1

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aaaaagaaga aaaaaagact ttgaatgaaa acttgcttga ttgaggctct tttaaaacca 180
aaccaaactc ataatctctc attatctttg attatgggtct tcttcttctg aaggaagata 240
agaagttcag aacaagaacg ca 262

<210> 14509
<211> 257
<212> DNA
<213> Glycine max

<223> Clone ID: 700964218H1

<400> 14509

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ccaaacaaaa ccaaagcatg ccattcattca tggttttccct ttcagatcct tatttctttg 180
cagctttgtc tgcattcttg actcttttgg tgggtccaact tctgttcaga aaactgaaca 240

aaagcatag tagaaag

257

<210> 14510
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<212> DNA
<213> Glycine max

<223> Clone ID: 700964221H1

<400> 14510

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aggtttacct ctggaaggtt tcaactacga ctcgatattg gggcagtgtc gcgagatgcc 180
gataggggtc gtgcagatcc ccgtgggagt agcggggcca ttattgttgg atggaaaaga 240
attcaccgtg 250

<210> 14511
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700964222H1

<400> 14511

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gactccgacc gcgactccga cgccgatgac aaccccgacg accaatccga cgccgtagga 180
gccgcccact ccgatggaga ggacccgagc aacgggtgga tgacgacaat ctccgacgag 240
ctggagaacc a 251

<210> 14512
<211> 252
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<213> Glycine max

<223> Clone ID: 700964224H1

<400> 14512

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<223> Clone ID: 700964227H1

<400> 14515

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<210> 14516

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700964228H1

<400> 14516

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gaagacattc caaaccacgg aaccatccac ttcgtatgca actcctgggt ttacaattca 120

aaaaactaca agactcatcg cttttctttt gccacaata catatcttcc aagcgagaca 180

ccagctccac ttttgaagta cagagaagaa gaattgaaga atgtaagagg ggatggaact 240

ggagagcgca aggcattg 257

<210> 14517

<211> 218

<212> DNA

<213> Glycine max

<223> Clone ID: 700964185H1

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acgggttaga cttcaattag ataattattg ggagtccaaa ctttcgcagc tgggatcgat 120

accggccacc aacagagaga aagagtaatc aagtgtatgg cgaactgtca gcaatattag 180

ttgcgtgtgc tttctctggc aatttgtatg cctagcct 218

<210> 14518

<211> 244

<212> DNA

<213> Glycine max

<223> Clone ID: 700964156H1

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 catgccatgg gagctagtgc aaagggtttc ttgagggtca cacatgacat ttctcacctg 180
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 actg 244

<210> 14519
 <211> 248
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 <213> Glycine max
 <223> Clone ID: 700964157H1
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 caacagagtt gagtccgtgt cttccagcaa tcacttccgg tgctaaacct tccaatgctt 180
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 tgaagcag 248

<210> 14520
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 agtgttgaag agatttctgt tccacataac aaaatagttg actgtttaac ctcttgatc 180
 catgtggcac atataaatga tattcttgaa aagcaaaagg gcttagcaca catgtataca 240
 gcattct 247

<210> 14521
 <211> 245
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 <213> Glycine max

<223> Clone ID: 700964159H1

<400> 14521

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 cgggtgttgtt agttctgcgg cggttgtagt tccggcgggc atgggacagc aatcgttgat 180
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 cttca 245

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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964160H1

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 atgtgagttt tgagaagaag aaaaaaatag atgggaaaat attgtgcaga aagaaagagt 180
 gaaattgttc tagatcgcca 200

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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964161H1

<400> 14523

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 acacaacaca gcataccgtg ttcatcttc tctcacacac aaacctcctt cgttttcatt 180
 gacttctcag gaggtataac tactatttgt cgc 213

<210> 14524
 <211> 227
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 <213> Glycine max

<223> Clone ID: 700964162H1

<400> 14524

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 gagtacgtga gctgggagga ggtgtttatg tcgaacgaca aggggaggag ggaggttcat 180
 tacttgctta aacgacgagg cgggtggctcg gatctggccg ttttggg 227

<210> 14525
 <211> 250
 <212> DNA
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<223> Clone ID: 700964163H1

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 cgcctaaaga atcaagaagc ttttggttaat ttgggtgttg tacttaataa agccatgact 180
 ggtttggaaa cagagaaggt tccttttggg ttctttgctc ggaatggcca atatgtggaa 240
 tgctgcttt 250

<210> 14526
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964164H1

<400> 14526

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 gataatagag agagagattc tggaagcatg tatacagatt gggatattct tcctccacga 180

aaaatcaaag atgtcaaggc caaaaagcct gcagactggg aggaaagaga atacattgaa 240

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<210> 14527

<211> 247

<212> DNA

<213> Glycine max

<223> Clone ID: 700964165H1

<400> 14527

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ttgttcttct ctgccgccgc tttttctggt ctgaaatgat ggtttctggt agagtgcctc 120

ttttctcgat tctccgcata ctatcatcat tgtaaggga agcgatttgc gttttgacat 180

aatgtcgcca aaatatcaga gtctccacaa tcgccccatc aatcagtggg aggtgacaga 240

gctgaaa 247

<210> 14528

<211> 247

<212> DNA

<213> Glycine max

<223> Clone ID: 700964166H1

<400> 14528

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ccgatcccgga gcacagagaa gaggaggagg caccgccgt tggcgacgac gaggacaccg 120

gagctcacgt cgctccaatc gtcaagctcg aggaggttgc tgtcaccacc ggcgaggagg 180

acgaagatgc aatcctggat ctcaaatcga agctttaccg gttcgacaag gacgggaacc 240

agtggaa 247

<210> 14529

<211> 247

<212> DNA

<213> Glycine max

<223> Clone ID: 700964167H1

<400> 14529

<212> DNA
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 ctgcttcgtc caagatcgga acttacaatt gctttgcttc tcagtcctcc cctctaccga 180
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 ttgga 245

<210> 14533
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 <213> Glycine max
 <223> Clone ID: 700964171H1
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 gttgataatc ttcctgttct tgatgggaag actccagtcc aagtgtacca gagtttctgt 180
 gagagcttca agtcttcatt ctctccattc atgggctcta caatcacgag catttccatg 240
 ggttt 245

<210> 14534
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700964172H1
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 acgaggatgg ccaattcgtc gtcgttttgc cgaagccctg ctacatacag ttcgattact 180
 tggtttacta cgagagcaag atctccggca agctcagcta tggctccatc accaatctca 240

aggg

244

<210> 14535
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700964174H1

<400> 14535

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tttcgcacgt ttgaggtggt taattagggc tataaaggac tgcaaaagcc catcagcttt 120
catccatcac catcattcat tcaattttat cattctgggg ccttcactaa tggaaaattt 180
gggatttttt tggaaaaaaa aaacaagaaa agaaaattca agagtttggg tcaattgtaa 240
tctgctt 247

<210> 14536
<211> 244
<212> DNA
<213> Glycine max

<223> Clone ID: 700964175H1

<400> 14536

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acaaggcatg accttcgaag aatctttgat gtaaagggca ttctctgctt ggttctcatt 120
ggaccagatg gcaaagtcac tagtgtgaat gggaagttaa tgggtctctc atacggtgca 180
gaagctttcc cgttcaccca atcacggata agagacctcg aagcagctct tagaaaggaa 240
ggag 244

<210> 14537
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<212> DNA
<213> Glycine max

<223> Clone ID: 700964176H1

<400> 14537

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ctatcgcttc gttaaattct cttgtcttct tctgccccct tttccacttc aattaggtat 120
 atcgccgatt cgattaccaa tttgcttaaa ctcaatcaag cttcgagcg tcaatcattc 180
 tattagaggt gatcataatc catgtaattc tcgtacttca tccctagtta tattttgtat 240
 caaaa 245

<210> 14538
 <211> 247
 <212> DNA
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<223> Clone ID: 700964177H1

<400> 14538

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 tatcgtatct ctttgcagtg aagtctgagc gttgcacaca aagatattta ccaatataat 120
 ataaggctgt aatttgtaag caaagaaaat ggtgaagata tgtggaattg gagccgggta 180
 cgtaggggggt ccaacaatgg ctgtgattgc cctcaaatgc ccctcaattg aagtggctgt 240
 ggttgac 247

<210> 14539
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 <212> DNA
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<223> Clone ID: 700964179H1

<400> 14539

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 tatgttgcaa tgttgttcat tcagtttgtg tatgctggaa tggccttgct ttccaaggct 120
 gcaatttcca agggaaatgag cccttatgtg tttgttgttt atagacaagc ctttgcattca 180
 gttgctctat ctccatttgc tttctttgac agcaagcaac cagctccttt gtcattgcaac 240
 ttgttgt 247

<210> 14540
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964180H1

<400> 14540

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 taataataaa aaaaagagaa ggcttggagc caagaaaata aacacaaagc acaagtcag 180
 gaaagaataa tggttggaag tgcaacaaag gttgctttca acctcttggt cactttcgcc 240
 attgtcattc cat 253

<210> 14541

<211> 248

<212> DNA

<213> Glycine max

<223> Clone ID: 700964181H1

<400> 14541

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 gtttctcgca aagttgaagt catcatgggt aaggaaaaga ctcacatcaa cattgtcgtc 120
 attggacatg tcgactctgg gaagtcaact accactggtc atttgatcta caagcttgga 180
 ggtattgaca agcgtgtgat tgagagggtc gagaaggatg ctgctgagat gaacaagagg 240
 tcattcaa 248

<210> 14542

<211> 245

<212> DNA

<213> Glycine max

<223> Clone ID: 700964182H1

<400> 14542

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 caaccaacac gggctttctt cgttttcggt gattcgctcg tcgacagtgg taacaatgac 180
 ttcttggcaa ccacagccag agcagacgct ccaccctatg gcattgacta cccaacacac 240
 agacc 245

<210> 14543
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 <212> DNA
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<223> Clone ID: 700964155H1

<400> 14543

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 agctccagct aaagcagatg agccacagcc acatccacca aaggatcagt taccaaatat 180
 ttcttactgc attactagtc ctccctccatg gcctgaggcc atacttcttg gttttcaaca 240
 ttttcttg 248

<210> 14544
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<223> Clone ID: 700964121H1

<400> 14544

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 tagtctcaga aggtttgttt ttggggacct cccttttttg ctttgagact tgttctcagt 180
 ttgtggataa agtgatttgt aagggtgttc tagttttctt cttctgaagg gtaaaagatg 240
 gataaagat 249

<210> 14545
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964122H1

<400> 14545

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actcacttca tctgtaagct cataggttga accctctttt tttggagact tacctgggaa 180
aagatgatga tgtttgaaga tatgggggtt tgtggcgatt tggatatgtt atgtgtctct 240
cttggagagg g 251

<210> 14546
<211> 240
<212> DNA
<213> Glycine max
<223> Clone ID: 700964123H1
<400> 14546

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cctttgtgtg aaactcttct gttatgcagt gattgggtgt cctcaaactt gtcctgctaa 120
caatgaggat aaatgcggcg attcagatga atggaaaggg gagttcttcc ctgacattcc 180
caaaattaaa tatgagggtc cgtcaagtaa gaatgtgctt tcatttaaatt ggtataatgc 240

<210> 14547
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<212> DNA
<213> Glycine max
<223> Clone ID: 700964124H1
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tacttgtggc gaccatttct tcattccttt ttggatacca tcttggagtt gttaatgaac 180
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tggtgagcat at 252

<210> 14548
<211> 253
<212> DNA
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<223> Clone ID: 700964126H1
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 gtttagattta atc 253

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<223> Clone ID: 700964127H1

<400> 14549

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 cgtgtgtcgt ttagggctag aaatgggggt taagtgggtg cactgatgtc attgttcttg 180
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 agagaagagt 250

<210> 14550
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964131H1

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 cacac 65

<210> 14551
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964132H1

<400> 14551

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 aactacaaca aatcaagggtc tcatggaaat aatgggcaaa tgatgcagca gatggagagg 180
 tactatggag gagcaccacc acaaccaaca aggccttatg atctcagggtc atacagtgtt 240
 tcttcatata cacaagctc 259

<210> 14552
 <211> 171
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700964134H1
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 ttgcttttta caaaactcaa gtgtcaaaaa agagaaagaa tagagaaggg g 171

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 <211> 242
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700964137H1
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 ttccagtagg tggagcaact ctaggacgaa ttttcaacgt gcttggagag cccattgata 180
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 ta 242

<210> 14554
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 <212> DNA
 <213> Glycine max
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 <223> Clone ID: 700964139H1
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<210> 14556
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 <213> Glycine max
 <223> Clone ID: 700964140H1
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 tggaacccgc tcccgaacct gccaccgccg agcctcccc ggtagagaag gaggagccca 180
 tacctgaagc caaggctaag aaaaccaag aaccataacc taaaaagggt accagatcac 240
 gcaa 244

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<212> DNA
<213> Glycine max

<223> Clone ID: 700964141H1

<400> 14557

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aagcgctgc aagtgcggca acggctgcgg aggctgcaag atgtaccag acttgagcta 180
caccgagtca accaccaccg agaccttggt catgggagtg gcaccagta aggctcaatt 240
cgagagtgt g 251

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<212> DNA
<213> Glycine max

<223> Clone ID: 700964142H1

<400> 14558

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cagagactct gttgatgaga gaagagattt catcaatcac cggaatgtga aaacattagg 180
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tgg 243

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<223> Clone ID: 700964143H1

<400> 14559

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ctcctctccc acttcggtct tacagtcaag gttgaacaaa tgtggctgag tgacaaatac 180

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<210> 14560
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<212> DNA
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<223> Clone ID: 700964144H1

<400> 14560

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gaaggccata agcacctttc tggcctcgat gaagcggttc tcaagaacat cgacgcctgc 180
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ataaatcact 250

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<212> DNA
<213> Glycine max

<223> Clone ID: 700964145H1

<400> 14561

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gatgcggagg accacccgct gctcaacgcg gagcaccact tctccgcctt caagacaaag 180
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aac 243

<210> 14562
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<212> DNA
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<223> Clone ID: 700964146H1

<400> 14562

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 ttgagtgtg tggacgacct aaattactag gccaacagaa actaacctat aatggggttag 180
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 atg 243

<210> 14563
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<223> Clone ID: 700964147H1

<400> 14563

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 agattccatg agctttgcca taagtgtgtg caagtcaaca ttcctttggt gggtgatgca 180
 gaacacactt ctgttcaacc tgctattgac tacttcacat actcctctgc catcttgac 240
 aacaaagggtg aca 253

<210> 14564
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<223> Clone ID: 700964148H1

<400> 14564

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 cagcgcgtgg ggaagctgaa ttgggttctg caggaacgag ttaagaacct ctgcgtggag 180
 aatcagattt cgaaggagtt agcacaacaa aacgaagcca cggcaaataa tcttcgaaac 240
 aatctagaac aagttc 256

<210> 14565
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<212> DNA
 <213> Glycine max
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 tctctgagaa cttctatgat agtaaagtgc ccaaggtttt ctatgccgta aaatccgttc 180
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 atgactgctt tg 252

<210> 14566
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 gccctacgg c 251

<210> 14567
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700964151H1
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 ggtggctact tttgtggtgg cagccacagc tggtagcttt taccaagact ttgaaataac 180
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cagag

245

<210> 14568
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964152H1

<400> 14568

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 atctcagact gacagaagct tgggtgtacac agtttcgaat cctgggttcag aattttcact 180
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 tttctgta 248

<210> 14569
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<223> Clone ID: 700964120H1

<400> 14569

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 ggaggcgcag tagcagcagc gaagggaaaag aagaaggggtg ctacattcac cattgactgt 180
 gcaaagccag tggaagataa gatcatggac attgcttctc tcgaaaagtt tcttcaagag 240
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<210> 14570
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964154H1

<400> 14570

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 gaaaagcaag ctggctaagg ctggtcaaatt taatgtgtcc aaagtggctc cttctgttac 180
 tgttgactcc aaagcaaagg aaacagcatt gcaatcggaa gatactatgt gctcaattaa 240
 tttggaaa 248

<210> 14571
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 <223> Clone ID: 700964079H1
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 cctaccaaag cagcaacatt aaaattaaaa catggcatct tcaccggaca ccagcaaaac 120
 cataaagctg gtgcgtaaca acagctacct ccgcagactc aacatatacct tcaaaatcct 180
 cttctctctc cagcctctcc ttctccttta cactctttcc acacaaca 228

<210> 14572
 <211> 272
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700964081H1
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 atcatcatca gcagccgata gcagtgtctc aaccattggg atgcaaggac aacaaggagc 120
 agctcctcag ttgaggggga agagacaagg aatagtgtcg tagatggatg aatgaatgaa 180
 tgtcccttca tgctaactag aaaactttca cgtgatgtgt tccccatcaa tgttggttgg 240
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<210> 14573
 <211> 257
 <212> DNA
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 <223> Clone ID: 700964082H1

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 gggggaagag acaaggaata gtgctgtaga tggatgaatg aatgagatgt cccttcatgc 180
 taactagagg actttcacgt gatgtgttcc ccatcaatgt tgttggtgtg ggggcaccct 240
 gacacagtga tgtgggt 257

<210> 14574
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 <212> DNA
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 <223> Clone ID: 700964083H1
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 gcagttgtgg gagctatgtc aacagaaata tgaacctttg tggctcaaag gaggaaatca 180
 ctgtaattta gaactctatc ccgaatacct tcgacatctc agaaaattca tctcctcggt 240
 agaaaagccg ccatca 256

<210> 14575
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700964084H1
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 ggaaaggtgg tccagatgca gtttgtcagc atctatgcag tttgcagaag gggatcaatat 120
 gcatagttaa tgcagctagt gaaagagaca tgactgtatt ttcacttgga atgatcaagg 180
 cagaattgat gggaaaacgt ttcttgtgtc gcaactgtgc tagttttgtt tctgccctta 240
 tgggaatcat ctctaa 256

<210> 14576
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 <212> DNA
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<223> Clone ID: 700964088H1

<400> 14576

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 tcactcaacc ccaacccaac gaatttttca agctcaacca aaccaagcca cagaatgatg 180
 gtagttcctg tagttacacg gtgagcataa aaacaagctg cagttctccc tcctacacca 240
 gagattacat cgggtcttg 258

<210> 14577
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<223> Clone ID: 700964089H1

<400> 14577

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 caggaccccc cgggtggcct attggtggga acctcttcca agttgctcgt tctgggaaac 180
 ctttctttga gtatgtgaac gatgtgagac tcaaataatgg ctcaatcttc accctcaaga 240
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<210> 14578
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 <212> DNA
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<223> Clone ID: 700964090H1

<400> 14578

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 ctaagcaaca aaaaaacct tcttctcttc ctctcttcaa atcccaaac ctggaagacg 180

ccaaaaaact cttcaactcc atcgccaact cttcctcoga cccccgcttc cccaactccc 240
tcctccactc ctacgc 256

<210> 14579
<211> 253
<212> DNA
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<223> Clone ID: 700964091H1

<400> 14579

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agtaactgca aatgcacaac aaaatgcagg agttgcattg aacgaacgga tgttgagac 120
cattaatagg aatacacaaa cccaatacaa tactacgatg gacctgagaa atgtagctga 180
tgattctgca gtagaatctt caagtggtag caggagagaa agggatggag gtttagttcc 240
agtatggtct cca 253

<210> 14580
<211> 259
<212> DNA
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<223> Clone ID: 700964093H1

<400> 14580

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acagagttga gggtgggggt gcctggaagc gatgagcctg agaaacgttc tgctgttaga 180
agcaacaaga gatcttcacc agaagcaagt gaagaagagt gcataagcaa gggcaacatg 240
aattcttctg atggttctg 259

<210> 14581
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<212> DNA
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<223> Clone ID: 700964095H1

<400> 14581

<223> Clone ID: 700964103H1

<400> 14584

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tgcaggctct aattagagct caagcaacag taaggctctaa gaaatctcac ggactcagca 120
gcacaaagaa tgaagcacat ttgtttcaaa cacaagcacg aagatccatg gagagatttg 180
atgacataaa gagtgagtac atagctccca tccacagcag aaggctatca tcttcttttg 240
atgccacaat gaataatg 258

<210> 14585

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700964104H1

<400> 14585

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cacaagattg gggagaccct tcatgtggga gggcacaaga aggaggagga gcataagggt 120
gagcaccatg ctggagaata caaaggggag caccatggtg aacacagtag tgagtacaaa 180
ggagagcatc atggtgaaca caaagctgga gagtaccatg gtgagcacia gccagagcac 240
aaagaggggt tcctaga 257

<210> 14586

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700964105H1

<400> 14586

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catccagccc gatggcatga tgccaagtga ctctccttc ggtgtagccc acgacgcctt 180
caacaccttc ttcagcgaga ccggatccgg caagcacgtc cctcgcgccg tcttcgtcga 240
tctcgagccc accgt 255

<210> 14587
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<212> DNA
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<223> Clone ID: 700964107H1

<400> 14587

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caagatatca aggatgaaaa tgagacgaaa cattttggagg aaatggaagg agcaaagagt 180
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<223> Clone ID: 700964108H1

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gttcctggcg gtgatcttgc caaggttcag agggctgtgt gcatgatctc caattccacc 180
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gcttttggtt attg 254

<210> 14589
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<223> Clone ID: 700964110H1

<400> 14589

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 cctcagtgc gcaattgctt ggacatgaaa aatggcactg ctcagaagga accccgggct 120
 tctttcatct cagagctagt cattgaccac tcagcgacag gtggtgtgaa acggaacaa 180
 gaatgtgtga tgtgcctttc agaggagatg tctgttctgt tcatgccatg tgctcatcag 240
 gttgtttgca aaacatgt 258

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 <212> DNA
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<223> Clone ID: 700964117H1

<400> 14593

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 ttataattgg ttcagcttga tcaggaagga gggatcatctg cagttcaaaa ggtgtgaaag 180
 caaagaagat gcagcataga aaattgactt ctggaaggcc ttctggaact gatggctctg 240
 attactccta ccgta 255

<210> 14594
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<223> Clone ID: 700964119H1

<400> 14594

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 ggcaagcagg ttcagctctc cgagtctgag atcaagcaac tctgcgtcgc ttccagagac 180
 atcttcatta accagcccaa tttgcttgaa ctcgaagccc ccatcaagat ttgtggtgac 240
 attcatgggc agta 254

<210> 14595
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<212> DNA
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<223> Clone ID: 700964078H1

<400> 14595

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caccactgtg acccatttct gtatcttctg gcaaggttct atccgtttct tcttttggat 180
cacccttttc actgttcgac tccttcttgc tatctgcttc gtcaatctga ttattcatgg 240
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<223> Clone ID: 700964042H1

<400> 14596

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tagttccaaa acacaaaaac tctctctctc cgacaacaag tccttaccct ctttgcaact 180
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<210> 14597
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<212> DNA
<213> Glycine max

<223> Clone ID: 700964043H1

<400> 14597

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agctgagatc aaatatgatg aggaatacgt ttggaattct cgaggcttga agctttttgc 180
atgccgatgg cttccagcga atggaagtcc aaaagcgtaa atcttctctt gccatggcta 240

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262

<210> 14598

<211> 263

<212> DNA

<213> Glycine max

<223> Clone ID: 700964044H1

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tcaaatatatt gcaagtcatt gatatgaaat cactgaagaa gatgctgccc attcatgcat 120

tttcttaacc aattgaagtt tatagcacac agtacatctg catgaaagat tcttattcaa 180

ggactcaaat ttctgtggag taacaggtac gttttttttt tcttttttgt aagaggagt 240

gtcatggatg ccaatgatga cag 263

<210> 14599

<211> 263

<212> DNA

<213> Glycine max

<223> Clone ID: 700964045H1

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aagtcttgggt ctctgcctct ggcaataccc aaattgacca aaatcccgac tctggacttc 120

ttcaacgccc tactcctcca gaccactcg atgacgctcg tcaggctcgg tagagatcgt 180

cagattggaa ggctgcaaag acatatcaag atagtaaagt catttataat ggtagggttg 240

aaggttttta ttctggaggc ctg 263

<210> 14600

<211> 262

<212> DNA

<213> Glycine max

<223> Clone ID: 700964046H1

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atctccgtta ccctttttgt tttctcaaca gagagagaga gagagaatct ttcgaagttc 120
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<210> 14601
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 <212> DNA
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 <223> Clone ID: 700964047H1
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 actaatattg gtatgccacc ggggggtacct cagcatcatc ctcaacctcc aacgagctca 180
 caacctaatc tgttcgggaa tgcattcaat tctgctgggt ctggactcat tcgaggtgca 240
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700964049H1
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 tttgggacga tgaaagaaaa aataactgat tagtctttct attataaaat agagtatagg 180
 cattatTTTT ttcttctaaa aaaataaaat taagaaattt tcatggtaac cattcgtgca 240
 gatgaaatta gtaaaattat ccgtgaa 267

<210> 14603
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<223> Clone ID: 700964050H1

<400> 14603

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aagtgggat ttggttgTgc ggggcttagt ggagtgtttg acggccctgt tcctgacgag 180
gttgTcatct ctctaatcaa gtatgcattc agtaatggaa tcactttctt tgatacttcc 240
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<210> 14604

<211> 264

<212> DNA

<213> Glycine max

<223> Clone ID: 700964053H1

<400> 14604

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cccaaagcta gagcgataca acagctacat ccggagactc aacagcacca agtcctcaa 120
cgctctctcc aaactcctct tccgcgccac tctcttggtc cgcactcatt ctcgtcttcc 180
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<210> 14605

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<212> DNA

<213> Glycine max

<223> Clone ID: 700964054H1

<400> 14605

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cctccgatgc accaggggaa ttgaatatat ataataagaa aaaggcaaaa aaaagaggTg 180
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<210> 14606
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<223> Clone ID: 700964055H1

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 caaattaggg atcccaaagc agcgggtgtgg ttcggttctt cagccgccgt gctccctcgc 180
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 ggtgatgacc acggccacgg 260

<210> 14607
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964057H1

<400> 14607

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 tcgaaaccct aactcgcgat tcccaatcga aaccctaact cgggatggcg attttgctgg 180
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 cctacgtaaa ccctaattctg 260

<210> 14608
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964060H1

<400> 14608

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acaggacaat atgaatgttt tattatgctc tatcaacaca ttaaaaagat tatatgatat 180
atctgctgtg gaagtaggtc aacatttcta ttggcaaata gggagtttcc aagtacatgc 240
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<210> 14609
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<212> DNA
<213> Glycine max

<223> Clone ID: 700964061H1

<400> 14609

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tgtgattgtt gagaaagcgg aaagaagtga catcccagac atcgataaga agaagtacct 180
tgtcccagcg gatttgactg ttggtcagtt tgtttatgtt gtccgtaaaa ggattaaggt 240
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<210> 14610
<211> 265
<212> DNA
<213> Glycine max

<223> Clone ID: 700964063H1

<400> 14610

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gggtgatgtc gaactcgctg ccatttctat cgccaacaac gttcttggtg gcttcaatdt 180
cggcctcctt ttggggatgg cgagcgcggt ggagacactg tgcgggcaag cgtttggggc 240
gaagagatac cacttggttg ggata 265

<210> 14611
<211> 269
<212> DNA
<213> Glycine max

<223> Clone ID: 700964064H1

<400> 14611

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 tcttcttcat ctctttctct ctctgaagca agtgtgcaga gcaattaata aatctagttt 180
 tgggtcacc cgtgaccgtg atgatcataa ggttattgtc ttttgagtga tgggtttgtg 240
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<210> 14612

<211> 278

<212> DNA

<213> Glycine max

<223> Clone ID: 700964065H1

<400> 14612

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 acccttcacc tcgtcctccg tctccgtggt ggcatgcaga tcttcggtta gaccctcacc 180
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<210> 14613

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700964066H1

<400> 14613

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 gatgggacac tgctggatta t 261

<210> 14614
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 <212> DNA
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<223> Clone ID: 700964068H1

<400> 14614

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 gggcatgcc a ttgttgaaga gttagctgag tttggagcaa ctgttcatat atgtgcacgt 180
 aatcaagatg atattgataa atgttttagaa gagtggaaaa acaagggact taatgtgact 240
 gggttcagtat gtgatt 256

<210> 14615
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964070H1

<400> 14615

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 gaccagagac tattgctgca tttattgctg aacctgtaat gggggcagga ggtgtaatac 180
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 ttattgcaga tgaggta 257

<210> 14616
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964074H1

<400> 14616

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aatgggaata tccttatatg ctcttggttt gaattttggt gtgcaaactg tgtctgagtt 240
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<210> 14617
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964075H1

<400> 14617

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 gagagagttg aactctcagc ctcagccacc accttctcgg aaacactggg agattcctga 180
 cttgttgaca ccaattggcg aacaccaaat ttttcagttc cacagaggaa acaatgggaa 240
 attccggttc tttcagta 258

<210> 14618
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964077H1

<400> 14618

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 aaattttaat tgtgctacaa gtgaagagtt ggaaacaaaa gatggcaggt ttgggaatat 180
 ggatggggtt cgtagcctg tgtcttctgt ctgtatcagt atcaggtctg ctccaacgcc 240
 tagagcacc tgtaaagct 260

<210> 14619
 <211> 264
 <212> DNA
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<223> Clone ID: 700964039H1

<400> 14619

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 ggtgcaggcc cggttcgggt ttggcaagaa gaaagccgcc gccccgaaga aagtttccag 180
 ggggtcgggc tctagctccg ataggcccct gtggtatccg ggcgccaagg cgcccagta 240
 cctggatggg agcctagtcg gaga 264

<210> 14620
 <211> 90
 <212> DNA
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<223> Clone ID: 700964010H1

<400> 14620

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<210> 14621
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<223> Clone ID: 700964011H1

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 atcaaatcat agattgattt ggcaacccca attccctttt gattatTTTT ttttttatg 180
 aattaaagca atgggtttgg ttgcttagtg tttttttgga cgacgaaag atgattcctt 240
 ggggtggcct cagttgctgt ttgagtg 267

<210> 14622
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964014H1

<400> 14622

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ttatgttttg aggaagattg ttaagctgtg ggaatatgtc attgagaagc atagtccgtg 180
aactcaagga gatgagagat ggaataggaa gcacatcaaa gcgggggtgca gaaagcaagc 240
atcggctcag tcggacaaag tcacatgtag 270

<210> 14623
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<212> DNA
<213> Glycine max

<223> Clone ID: 700964015H1

<400> 14623

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ggtgataaat atgcacgccc cgttcttggg ggttcagcct taccttacct tcgcagagga 180
agaaccggaa gaggaaaaac tagaaaagat cccaacagtg agaagccgag cgattttgtt 240
tacct 245

<210> 14624
<211> 273
<212> DNA
<213> Glycine max

<223> Clone ID: 700964016H1

<400> 14624

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tgaaggaagt ttcttcttat ttgaagaaag taggatacaa ccctgacaag attccttttg 120
ttcctatatc tggttttgag ggagacaaca tgattgagag gtccacaaac cttgactggt 180
acaaggggtcc tactctgcta gatgcacttg accagatctc tgagcccaag aggccttctg 240
acaagcccct caggctacct cttcaggatg tgt 273

<210> 14625
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<212> DNA
 <213> Glycine max
 <223> Clone ID: 700964017H1
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 gcactgagat ccatctacca agactccatc ttctgtctccg agatctctct tctatggcct 180
 cagctccctc tctcgcgcaa cctccgctgc ggctctgtgt actcccgcgc cgccgccttc 240
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<210> 14626
 <211> 266
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700964018H1
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 ttcaatgtgt tgcagtatgg agcagttgga aatggacaaa ccaatgattc ccagccttt 180
 ctaaaggcgt ggaaagccgc atgccagagc aactcacata tatctcgct catcatacca 240
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<210> 14627
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 tgacgaggaa ggaaagctcc ttggttcac tagcagccca atacagatat ggaaagatgg 180
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266

<210> 14628
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<212> DNA
<213> Glycine max

<223> Clone ID: 700964020H1

<400> 14628

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ggaagaagg gtttctttga atgatcccca gaatcgcgtt tgtgctttga ttcaacgagc 180
aatgggtggt ttgtagattc tagtttttga tcttattttt gctgatcaaa tttttatttg 240
ttgttgattt ttgaggtatt gggg 264

<210> 14629
<211> 264
<212> DNA
<213> Glycine max

<223> Clone ID: 700964021H1

<400> 14629

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tcaacgggaa tggtagttgt ggaaaatgtg acagttatgt ctatttctac aattgaagaa 180
ttgaatagta taatacaaag aggatctgaa cggcgacata tatcaggaac ccaaatgaat 240
gatgaaagtt caagatctca tctc 264

<210> 14630
<211> 266
<212> DNA
<213> Glycine max

<223> Clone ID: 700964022H1

<400> 14630

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 caattttttt tccgcatccc ccgatcgggt ttggattctg aagaaagttc aattccgcac 180
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 aaccgcgagg ccgttctcga attgtt 266

<210> 14631
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 <213> Glycine max
 <223> Clone ID: 700964024H1
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 attggagcaa ggccccattc acagcctcat acagaaactt caatgccta acctcttctt 180
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<210> 14632
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 <213> Glycine max
 <223> Clone ID: 700964025H1
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<210> 14633
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 <213> Glycine max

<223> Clone ID: 700964026H1

<400> 14633

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 tccaaaggta aagtgaacac atacaccaac catggcgatg ggtttcagaa catcactggc 180
 actaagacca acagtgggtgc atattctggt gatggtaaca ctcacacgc caccaacaac 240
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<210> 14634

<211> 264

<212> DNA

<213> Glycine max

<223> Clone ID: 700964027H1

<400> 14634

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 tctggtggca gaatcacctt ccaatcaagc cactaataga agccatgggg ttgatttcca 180
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 aactatggaa gtgtctgcaa atgc 264

<210> 14635

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<212> DNA

<213> Glycine max

<223> Clone ID: 700964028H1

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 catagtgaca tgccagtcac tgatttctct aagcttagca aagggaacaa agaggaagtc 240
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<210> 14636
 <211> 270
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964030H1

<400> 14636

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<210> 14637
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<223> Clone ID: 700964031H1

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 aaaaagcatg atgattgggc gactctgaag gcagagttag caccggtgta catggtgtgc 180
 ggaatggtgg caatggctgt ggcaattgga tcacacactg cgtttcaaca actggcgcgct 240
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<210> 14638
 <211> 272
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964033H1

<400> 14638

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<210> 14639
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 <213> Glycine max
 <223> Clone ID: 700964034H1
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<210> 14640
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 <212> DNA
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 atcatgcttt cacttcccat ttcctaattc ctctttcctt tggtgccaca aatttccatt 180
 aatttccctt cacgctgaaa ccagctacag aaacacctgt ttcaaaggaa aaaactcccg 240
 ggttaaagga aaccacaaca acact 265

<210> 14641
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700964036H1
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<400> 14644

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 ttctcaaatt ggctttcgtt gttttcagat gggctctacgt caatttcctc cgaccaccga 240
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<210> 14645

<211> 247

<212> DNA

<213> Glycine max

<223> Clone ID: 700963973H1

<400> 14645

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 tgttctagtt tccaatatcc tcttccttga tacaacagct gctggacgca gcattggcga 180
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<210> 14646

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<212> DNA

<213> Glycine max

<223> Clone ID: 700963974H1

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 cttgtgttgt gtccctcttt taagctattt ccttctctta acacaattgg ttgtgccaat 180
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<223> Clone ID: 700963975H1

<400> 14647

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 ttcacgtaag aggtacttca tcctcaaagg caatgtcctc cgaagcttca agatcaaacc 240
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<210> 14648
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<223> Clone ID: 700963976H1

<400> 14648

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 ttccccatcc ttggctggca aggccgtgaa gctgggcca tcagcccccg aagtcgggag 120
 ggtcagcatg aggaagaccg tcaccaagca ggctcctcc ggaagcccat ggtacggccc 180
 agaccgctc aagtacttgg gccattctc tggcgagccc cgtcctacc tcaactggcg 240
 gttcccaggt ga 252

<210> 14649
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963977H1

<400> 14649

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 tttggttgac ttgaataaac caagctaaag ccaaatatcg aacctcataa tttcctctct 120
 gatttctatt cctggatttg ttgttttgtt ttctggcttc atcacttgct aatttggttc 180

ctttctttcg ttttctacat cgactgtttt ccaatctttc cttttgtttt tggcctttct 240
aatggttcgg agca 254

<210> 14650
<211> 257
<212> DNA
<213> Glycine max

<223> Clone ID: 700963978H1

<400> 14650

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cagccaccaa ggcattgcata taaggcatcc agtacggcga cagttccttc tcagttggct 120
acttcagccg cgagcgcctc accgtgaccg ccaccgacgt cgtcgacaac ttctcttcgc 180
gctgcgccca gaacaaccag ggcctcttcg gcggctccgc ggcctcattg gcctcgccgc 240
ccaccccatc tccttcgc 257

<210> 14651
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700963979H1

<400> 14651

cgcaagcaaa aagaaagaat cccaggcgcg gagaaagatg gaggggaagg agcaggatgt 60
gtcgttggga gcgaacaagt tccccgagag acagccgatt gggacggcgc gcgagagcca 120
agacgacggc aaggactacc aggagccggc gccggcgccg ctgggttgacc cgacggagtt 180
tacgtcatgg tcgttttaca gagcagggat agcagagttt gtggccactt ttctgtttct 240
ctacatcacc gtcttaacc 259

<210> 14652
<211> 248
<212> DNA
<213> Glycine max

<223> Clone ID: 700963981H1

<400> 14652

<212> DNA
<213> Glycine max

<223> Clone ID: 700963984H1

<400> 14655

gaaacgtgga aggtcacgaa aaacaaaggt aactcccatc caaattcact gcattgtctt 60
tgacatcttt gaattacata aaactcacta cattgtcttt gacatctttg aattccatca 120
aactcgtctgc attgtctttt gttgaatttc ttcttctctca cagcctacca accacataat 180
taaccagaaa tccaataccc catcaacacc ccgaagatct aaaagaataa agcatgtggc 240
ag 242

<210> 14656
<211> 240
<212> DNA
<213> Glycine max

<223> Clone ID: 700963985H1

<400> 14656

caaaatcaga actaccaaag cttccatctg atttgcagag cgtttttttt tttttttttt 60
ccttcccaag ggaccaacag gggcaaccaa ggacactgta gaaagaggaa aggggtcctg 120
tcctttcggc ccttgatttt cctggggggg attaaaggtt gtggcgctcc gggatcgctt 180
ttccctgtgg cggaaacatg ttggacggcc gtcctgcgt tgtcccgagg atgtttcccg 240

<210> 14657
<211> 243
<212> DNA
<213> Glycine max

<223> Clone ID: 700963988H1

<400> 14657

agaagacgtt actctctctc tctctctctc tctctctctc tcatgaacga cgcacttccc 60
atgtttcctc ggttctatag atgaggattg aagctctgaa tctcgctttc gccgaatctc 120
gtcttctgtg ttcagatttc gctattctcc gtttggattg atgaaaaaaaa aagccttttc 180
tcttcccgat atttttttct cgtcggattt ggaattcgat cttcacctca tccactcgta 240
atc 243

<210> 14658
 <211> 244
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963989H1

<400> 14658

ggatatagtt caccatgatg atgttgcccc cagaagacct ggttgtgaga acaactttgt 60
 tttggtaaaa gtccccactt ggattgatgg tgtggaaaac agtgagtacg ttgggtgttg 120
 tgcaagattht ggccctacat tggaatcaaa agaaaaacgg gccaatcttt ctagagttgt 180
 catggctgat cgcctgatt gctgtacaaa gcctaagaat aagctcacca acgagatcat 240
 tttg 244

<210> 14659
 <211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963990H1

<400> 14659

ctcgagccga ttcggctcga ggtgcacctt aactatagct tcgcaatgac aaccttgatc 60
 gactgtgtag gataggtggg aactgatgac acagaacgac caatcctgaa agaccactct 120
 ttcgtctaag gatgcctaac cgccgcaccg aaaattcggg gggggggcggg aactgcgag 180
 gtgggtagtt tatctggggc ggatgcctcc taaagagtaa cggaggtgtg cgaaggtagg 240
 ctcaa 245

<210> 14660
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963991H1

<400> 14660

tctcgctaatt ggtgttgccc agcatgctga gcagagaagg gcagaaattg aaaaggagaa 60
 aatagagaag tcaacggctg ccacagcttc ttaagcttct gaatgtacat tattactgtt 120

gcttttttaa ttctcaagtt ctcaagttacc cattcttttag gaaaatcaga gggttgccta 180
 tatttgaggc atttgteggc tttctgggtca ccagttgttg gtctttgatc atgaagagtt 240
 tgcagta 247

<210> 14661
 <211> 252
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963992H1
 <400> 14661

cacaagccaa gtgaaagtga gataaaataa aaatcaaaga gcataatgtc agggatcatt 60
 cacaagattg gggagaccct tcatgtggga gggcacaaga aggaggagga gcataagggt 120
 gagcaccatg ctggagaata caaaggggag caccatgggt aacacagtag tgagtacaaa 180
 ggagagcatc atggtgaaca caaagctgga gaggaccatg gtgagcacia gccagagcac 240
 aaagaggggt tc 252

<210> 14662
 <211> 254
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <223> Clone ID: 700963994H1
 <400> 14662

attctgctgg gcctgggctt gctcttcgtc cgctgggtgt ggcggcgtg gtccaccacc 60
 ggcggcggcc cgaagaacct cctccaggc cctcccgggt ggcccatcgt tggtaacctc 120
 ttccaagtga tntgcagcg ccgtcacttc atctacgtga tccgcgattt acgtaaaaaa 180
 tacggcccaa tcttcagcat gcagatgggc cagcgcacgc tgatcatcgt gagcagcgcg 240
 cactaatcca cgag 254

<210> 14663
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963996H1

<400> 14663

acaaagtata gagtgaaaga atgggtgaga aaagcaagat tttgatcata ggaggcaccg 60
gctacatcgg caaacatata gtggaagcaa gcgcaaaggc tggaaatccc acttttgctt 120
tggtgagggga atccacactc tctgaccctt ccaaggcaca actcatccac aattttgagg 180
ctttgggcgt taaatttggc cgggggggtt ctgtacgac atgagaagtt ggtgaaagct 240
atcaagcaag tagatgtc 258

<210> 14664

<211> 275

<212> DNA

<213> Glycine max

<223> Clone ID: 700964001H1

<400> 14664

gatgactggg gggggtatca ctatgcaatc gacgccggga agctcaggat acttggattt 60
gtatccagag cggaagatgt cctttttcaa aaatccttac attctcggac tggctgctgt 120
cgccggcatc ggtggtctcc tcttcggcta cgacactggt gtgatatcag gggctctttt 180
atacattaag gatgattttg aggaggttag aaacagcaat cttctccagg aaacaatagt 240
cagcatggct attgccgggg caatcgtggg agcag 275

<210> 14665

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700964002H1

<400> 14665

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cggatcagtg gactcaagca ttggggagcc gggacctgca ggacgttgac acggcagcgc 120
tgtcgcgtcc cttggatgag tacctcagag ctggctcctt ggccccggcg agcagaagaa 180
gaagaagtac gtgatctcg gctgcatcat cgtcagccgc aagatcttca agtggaccct 240
cggcacaatc ctcttcg 257

<210> 14666
 <211> 288
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964003H1

<400> 14666

gcgtacggaa gcacgattcc acgagcccta aggcgggtgca gtacgtgaga aacgaccgtg 60
 gcactcccat gattctagac aacaactact acagaaacat attagacagc aagggtctct 120
 tgatagtggg tcaccaacta gccaatgaca agaggaccaa gccttatgtg aagaaaatgg 180
 ccaagagcca agactatttc ttcaaggagt tctctagagc cattaccttg ctctcagaga 240
 acaaccctct cactggcaca aagggtgagg tcagaaagca gtgcaatg 288

<210> 14667
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964005H1

<400> 14667

gagaagggtc acggtgactt gaaagacaag ccatgggtggc ctaagttgaa cactcttcaa 60
 gatctgattc acatttgctg cattattata tggactgctt cagcactcca tgcagctgtg 120
 aatttcggac aataccctta tggcgggtttc atcctaaatc gtccaactct aaccagaaga 180
 ttgctcccag agccaggaac caaagaatat ggtgaactta ccagtaatca tcaaaaggct 240
 tatttgagaa caattacagg aaagact 267

<210> 14668
 <211> 266
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700964006H1

<400> 14668

aatctctctc tctccaatgg ccaaagacct cgaaacggag attcaaagtg gggtgcctca 60
 caaggactac cagcaccac ccccgcccc attctacgac cccgccgagc tccgaaagtg 120

<400> 14671

tgctactagc atcttcttcc atcaccactt tcatataaat taatgttctc tagtgggtgct 60
tcccaatcaa tctcttttag ttttgtctca attcctttct ttctcattca ccaatccata 120
cttcattttg ttaatttctt aatccaacac caccaagatg ccaactgaca catcatcagt 180
ttccggcggc gaaatcgtgt gtgtgaccgg tgccggcggt ttcatagcct cttgggttgt 240
caaacatctc t 251

<210> 14672

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700963945H1

<400> 14672

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tatggaaaga tgtcttatca gttaactggc gaggtttgct ctagttctct ctgtctcatt 120
ttcgtatact ctttaatat gatgcacttg ttaaagctag gcagacatct aagtcctcta 180
ttatctaata aatttatattg acatgataat gtctgcttgt gtttaaggac cagctgggtca 240
gcagactgga ttcag 255

<210> 14673

<211> 264

<212> DNA

<213> Glycine max

<223> Clone ID: 700963947H1

<400> 14673

ctcaaagcca aaccaaattt tctctctttc acttatattat tgactcccca aaagcttttc 60
aaatatctct gtctctctct cacgtacctt ctccctatct ttcactccac ttcttaacac 120
cacaaaacag aacaaccgcc gagcaaaca caagaaaaat ggtgttggtg tccaaagcaa 180
caacagaaca atactcctac attaagaact gcatgccaac caaattttcc tcaacaattc 240
ccatagttaa cctctccaaa cctg 264

<210> 14674

<211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963948H1

<400> 14674

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 ttcaatgata agaaggggtt tggattcata agccctgacg atggcagcga cgatctcttc 120
 gttcaccaat ctcagatcaa atctgacggt ttccgaagcc tcgccgaagg agagtccggt 180
 gagttcgcca ttgaatctga atctgacgga cgcgcgaagg ctgttgatgt cactggcccc 240
 gacggcgcca cgtccaggga a 261

<210> 14675
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963949H1

<400> 14675

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 ggctaccaag cattcactaa tgtctctctt tcacagaact tcatcaatga ggtgagcaca 120
 acccgtaaaa catgtccgat gagcagatat tggaccaaatt ttactcaacc catgtccaca 180
 gtcacacaaa gtttgatgta gactctcttt tcattcttgt tgagaacacc cttaggcggt 240
 caactctcat tgttg 255

<210> 14676
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963950H1

<400> 14676

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 cggcggtcaa tctgctggcc gcatcgatg ggagctctac gccgacgtca ctccccgcac 120
 cgccgagaac ttccgcgcgc ttgacacgg cgagaagggc gtagggcgga gcggcaagcc 180

cctccactac aagggctcgt ccttccaccg cgtgatcccg agtttcatgt gtcaggggtgg 240
cgacttcacc 250

<210> 14677
<211> 245
<212> DNA
<213> Glycine max

<223> Clone ID: 700963952H1

<400> 14677

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tcttgcaggc gactcaggcg cctatccctc tcggggcaat tgaccgacca ggttttcctt 120
tacataggaa tgtacgctga gaagcttgaa atgctgtcca ttgcatttgc tggggcgagc 180
gacaagggaa tgctctatgt gttgaatgga tgcaagaagc ttaggaagct tgagattaga 240
gactg 245

<210> 14678
<211> 245
<212> DNA
<213> Glycine max

<223> Clone ID: 700963953H1

<400> 14678

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cgtaatctag ctctgtttg cagaaacaag gacctgtcat caagatggtg aagttcacia 120
ctcacaggct tcggcacata atggactgca aacacaatat tcgtaacatg tctgttattg 180
cacacgtcaa tcatggccag tctaccctca ctgattctct tgtggctgct tctggaata 240
tcata 245

<210> 14679
<211> 244
<212> DNA
<213> Glycine max

<223> Clone ID: 700963954H1

<400> 14679

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tcttgcaggc gactcaggcg ggtatccctc tcgggggacg tgaccgacca agagtggctc 120
tacatagga cgaaggctga ctgctgccg ataacgaccc ttgcatcagc agcggttaca 180
tgacatacat gtttctatac gacagtgttc atggacactg gaagcatcac gatgtcaccg 240
ttaa 244

<210> 14680
<211> 246
<212> DNA
<213> Glycine max

<223> Clone ID: 700963955H1

<400> 14680

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cctttggatt gttgggagga caacgagaaa aaacgtgtag tcttggcgga agcaagtgga 120
gacttcatag atgttctctt tagtttctc actcttccat tgggaactat cgtccggctt 180
gggatcaatt ttcaactatc agtagagatg ggtagcatca agaaactgta cgagagtgtg 240
caaat 246

<210> 14681
<211> 246
<212> DNA
<213> Glycine max

<223> Clone ID: 700963956H1

<400> 14681

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acatgtgtgt agttgcagca atggttttgg cacggtgact atggaagctc aaaaacaaaa 120
actctctccc tccaaaaccc gcaggaaatc ctctacgga acttctagaa ggtccgttct 180
gaagaaatcc ttcagccaag agcaagtcac cttcacctct cctctctccg ccgacccct 240
cgtcgc 246

<210> 14682
<211> 248
<212> DNA

<213> Glycine max

<223> Clone ID: 700963959H1

<400> 14682

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 ttgtagcact tcttcttctg gcggagggtg ggcccatggc tgaggctgtg acatgcaccc 120
 caacagagtt ggtccgtgt cttccagcaa tcacttcgg tgctaaacct tccaatgctt 180
 gttgcacgaa gctgaagcag caaaaacat gcttatgtgg ctacctcaa aacgctagct 240
 tgaagcag 248

<210> 14683

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700963960H1

<400> 14683

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 cgacttcgcc ggcgccaccg gcggcgacct cgacggcagc agcagcaacc ccactctgaa 180
 cgtcggcgag gagcagggtg ttcacaaagc tgggtgtgtg catggtgtac acaaaccagg 240
 tgacggatgg gg 252

<210> 14684

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700963961H1

<400> 14684

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 agaaaaagtt ttggcagagt ccacaacata tggagggttt tggacaagca tttgttgtga 120
 gtgaagacca aaaacttgat tgggctgacc ttttctttat gactactctt ccaaacatt 180
 taagaatacc ccacttattt ccacagctcc ctcttccttt cagggacgcc ttagaaattt 240

actcacagga acttaa

256

<210> 14685
<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700963962H1

<400> 14685

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gaaccttggt ttctcatctg ggtgtgttgc ttttgctct gctggctcga tatggctgtg 120
gaaaacaaaa gggaagatgg gggttgtgat cgttttcctg tgggtatgcg tgttcttgct 180
gtggatgacg acccaatttg cctcaagggtg ttggagaatc tccttcgcaa atgccagtat 240
catggttacta caactaat 258

<210> 14686
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700963963H1

<400> 14686

caaggttaca accaactgat tgtagcagtg aagcagatcg ggaaatcaac gttggaatgt 60
tgcattccatc aggtggtagt gcttggtctg gctctgaact aatacatgct tcttcatcaa 120
ggagctcaaa atcagcttcc aacaattcat catcaaattg ggatagcaag gcatctatat 180
tgactctgga aggttctcat gatgattcca ctgggaagaa agaattgtgc aatggagagc 240
caattgaaac ttctcctgca g 261

<210> 14687
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700963964H1

<400> 14687

ccggcagaaa gcaagctcat cctagagttt taaaaatggc agcagcctcc tccatggctc 60

tctcttcccc atccttggct ggcaaggccg tgaagctggg cccatcagcc cccgaagtcg 120
 ggagggtcag catgaggaag accgtcacca agcaggcctc gtccggaagc ccatggtacg 180
 gccagatcg cgtcaagtac ttgggcgcgt tctctggcga gctcccgccc tacctcactg 240
 gcgaattccc aggtgactac g 261

<210> 14688
 <211> 248
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963965H1
 <400> 14688

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 ccacaagaaa aatggcatct cacatcggtg gatacccccg catgggtccc aagagagagc 120
 tcaagttcgc tctcgagtct ttctgggatg gcaagaacag cgccgaagat ttgcagaagg 180
 tggctgctga tctcaggtca tccatctgga aacagatggc tgggtgctggg atcaagtaca 240
 tccccaac 248

<210> 14689
 <211> 248
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963966H1
 <400> 14689

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 gtttgatctt atgtcaatga aggattttta gacaaaaccc agattcacag gaaaaaccct 120
 taaagcggag aataaaaggc aacgactttt catctctacg caagtgatta tggcggttgt 180
 tgagaatgtt ggggccaaaa tcggttcttc gagccagagt ttggagaacg gtgtagtgtc 240
 agcggatt 248

<210> 14690
 <211> 242
 <212> DNA
 <213> Glycine max

09-03-17-0000

<400>	14693
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<210>	14694
<211>	250
<212>	DNA
<213>	Glycine max

<400> 14694

<210>	14695
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<212>	DNA
<213>	Glycine max

<400>	14695
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6634

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 attaatttgt gtcgttccat ttcaatgatg ggagaaaaag ggagctacga agcaaaatat 240
 acaccaagag attgtgc 257

<210> 14696
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963911H1

<400> 14696

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 cgtaattgca cattctcttt tgttgtctcc agctcataga atattataaa ctcagattca 120
 ttcagaattt cagattcacc tttttctttt cttctctacc ttctttttcc tctgacagct 180
 ttttgcagaa agttgtgatt tttccttgaa agatggcatc tttgagcatg atccagatca 240
 gaactgggaa ttgtgca 257

<210> 14697
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963912H1

<400> 14697

ataaaaaaaaa aacccttagc caacacaacc atcatggcca cctctgctat tcagcaatca 60
 gcattcactg gtcaaactgc tctgaagcag ctcaatgagt tcgtccgcaa gaccggtggc 120
 gccggcaaag gtcgcactaa catgcgccgc accgtcaaga gtgctcctca gggcatttgg 180
 tatggccctg accgtcccaa gtacttgggt ccacctcgg agcagattcc atcatacctg 240
 accggagaat tccctgggtg 259

<210> 14698
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963913H1

<400> 14698

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aacaatttaa ttggattggt cgaatggtat caaaaaatgg agtactaact cccatttctt 120

atttattatt gaattaaccg atcaacttgc tttgttatcg aacatttctt tttgatttca 180

aaaattttcc ggaaaaaatt tgaatctatt tttatatgcg aatcaatcct actacttctg 240

gtcccgaagt ttctgcgctt ga 262

<210> 14699

<211> 264

<212> DNA

<213> Glycine max

<223> Clone ID: 700963914H1

<400> 14699

aaccaacctc actctctctt tctctctgta ttctggtaat tcatcaattg attcaaaatg 60

cagaggctca aactgcaact agtgctattc ctctcaatct caacttgtca cactgttttc 120

tccttcactg atgggttggt gccaaatggg aacttcgagc agggcccaaa gccatcacia 180

ttgaaggggt ccgtagtgac aggccacgat gccataccga attggacaat ttcgggggtc 240

gttgaataca taaaatcagg acaa 264

<210> 14700

<211> 238

<212> DNA

<213> Glycine max

<223> Clone ID: 700963915H1

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gagtattatt caatattttg gttgggttga atcccggggt tgaagcgttg cagacatcac 120

ggctattcta agagtgtctc gctccctcat tcatgtccga tctgtacgac ggaggacggg 180

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<210> 14701

<211> 268

<212> DNA

<213> Glycine max
 <223> unsure at all n locations
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 <400> 14701
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 cgccgatata tttganctca gagaatgcct ctccctctca tggaagaatc cctatgtcct 120
 tcgcctcgct ttctcagctg gaatcgggtgg ccttcttttt ggctatgaca ccggagtgat 180
 atctggagct cttttgtata taagggatga attccagct gtagatagga agacttggct 240
 tcaggaatct atagttagta cagcaatt 268

<210> 14702
 <211> 274
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963917H1
 <400> 14702
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 ctgccattgt tttcatccac attgcatcat tggctctct ttttgttgca acaagtgcaa 120
 gaatccctgg agtttacacc ggtggcccct ggcagagtgc tcatgccacc ttctacggtg 180
 gcagtgatgc ttctggaaca atgggtgggtg cttgtgggta cggaacactg tacagccagg 240
 gctacggagt taacaccgcg gcgctgagca ctgc 274

<210> 14703
 <211> 89
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963918H1
 <400> 14703
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 gccgtcgttt tgctcgtag gtcgtcgct 89

<210> 14704
 <211> 86

<212> DNA
 <213> Glycine max

 <223> Clone ID: 700963919H1

 <400> 14704

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 aacccgacac tccccagaac cctaatt 86

 <210> 14705
 <211> 245
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700963921H1

 <400> 14705

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 ctcttccttg gcttggttca tgtcaaatac agaaactagc tttgtaacct tggcccaacg 180
 agtttttagca aatcctctca aagttcgcat gcactatgga caccagatg tatttgaccg 240
 aatat 245

 <210> 14706
 <211> 250
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700963922H1

 <400> 14706

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 gttatgaaat gtggtcacac aatgcacat gaatgttacc tggagatgat aaaaaatgac 120
 aaatattggt gtcccatatg ctccaagtca gtgattgaca tgtctaagac atggaagaga 180
 attgatgaag agattgaagc aaccgtcatg cctcaagatt atcgaaacag gaaggttttg 240
 atactatgta 250

 <210> 14707
 <211> 251

<212> DNA
 <213> Glycine max

 <223> Clone ID: 700963924H1

 <400> 14707

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 tctttcaggt gtatcaagtt gataatcaat tctactatca aaatgatgaa atccagatat 180
 attgacaaac ttatcccttc caactcagtt gaatgaagcc tccagagtgt gcgcagaact 240
 gcacagattg a 251

<210> 14708
 <211> 252
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700963925H1

 <400> 14708

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 cgctcgctga tctgtcggt gttccgac tcgctgctgc tgccctggac gacgttggtg 180
 cggaacctga aattcacg cggtatttcag acgaagagca cgatcacgat cacgatcacg 240
 agcatgagca tg 252

<210> 14709
 <211> 253
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700963926H1

 <400> 14709

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 aggcacggcg accggtgctc ccggcttcac acgaagccca caattagccc aacgttggtt 180
 ctgtcgaaca tgtaccagag gcccgacatg aacatgaaca tcatcaccaa ccccgatcag 240

ccccagcccc aat

253

<210> 14710
<211> 256
<212> DNA
<213> Glycine max

<223> Clone ID: 700963927H1

<400> 14710

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aagtcttacc caactgtgag tgctgattac cagaaggccg ttgagaaggc gaagaagaag 120
ctcagagggt ccatcgctga gaagagatgc gctcctctaa tgctccgttt ggcattggcac 180
tctgctggaa cctttgacaa gggcacgaag accggtggac ccttcggaac catcaagcac 240
cctgccgaac tggttc 256

<210> 14711
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700963929H1

<400> 14711

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acatctgcct caccgtctt tgttgctgct ccagcagaga aaggccattt tcttttagac 120
tttctcatgg gaggtgttc agcagctgct tccaaaactg ctgctgctcc cattgaacgt 180
gttaagcttt tgatccagaa ccaggatgag atgatcaaaa ctggtaggct ttctgagccc 240
tacaaaggta ttggtgattg t 261

<210> 14712
<211> 266
<212> DNA
<213> Glycine max

<223> Clone ID: 700963931H1

<400> 14712

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tggcaaagct cagtctacaa caccacacag tgacattctg aaccaagaca aagaaagggg 120
gaagtacatt aactcaaggc tctctaagaa cttgggccaa gatagtagtg ttgaggaatt 180
ggactcagct accctaccag ccaaactctgg tagccttatt gggctctggaa attactttgt 240
ggttgtgggt cttgggacac ccaaga 266

<210> 14713
<211> 269
<212> DNA
<213> Glycine max

<223> Clone ID: 700963932H1

<400> 14713

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aaacctcgtt gagccaaatt tctcaagtta cttagtttc atcaatgttg tgtccatatt 120
tttctagttt ctctataaaa aaaatacatc aaaagaggct gatttcttca agcaacaaac 180
tctgtaccaa atcatctaca gctagtttag ctcaaataat tttcaattcg gaaagaaaaa 240
aaaagtcctt tccaaaattt cattgtcat 269

<210> 14714
<211> 255
<212> DNA
<213> Glycine max

<223> Clone ID: 700963933H1

<400> 14714

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aagctttgat tactgagtct aacttaccct gccacagttt gccttggtta cctgagctct 120
gtttttaact ggtctttgat caaggatggc cataaaggca attgagttgt tgaaaggaag 180
cggaaccat gaagagatat ttgaagttct tgcagcagtg gctgcatctt tgggggatgt 240
aatagatgat gtgaa 255

<210> 14715
<211> 250
<212> DNA
<213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700963934H1

<400> 14715

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 cttccccac tcaacaacag tcgattccat tccacaatgc attttcccc actttccag 120
 caaccaaaaca gcacataatt cttcccant cgagcctctt tctctgtcat gtaccgcttg 180
 tcgcagattt catcgtaac cgctctata gtcggaaaca cgttcgact catcggaac 240
 cgctccctgc 250

<210> 14716
 <211> 193
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963935H1

<400> 14716

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 cttccatggc tctctcatcc ccaccccttg ctggcaaggc cgtgaagctg ggcccatcag 120
 cccagaagt gggaagggtg accatgacgt agaccgtcac caaccaggtc tcctcaggtta 180
 gcccatgcat acg 193

<210> 14717
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963936H1

<400> 14717

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 ctcaacttca aagttagaat cttttgttca ctactgagc catgcatggc gccgagttcg 120
 acgccgcgtt tgggttccca tctgagtttc cctacgagtt tgactcggtc gggactgtcc 180
 cggttgattc cggttcgacc gggactgata atagcgacga ttaggtcttc ttcgccggct 240
 tgactcg 247

[illegible]

<400> 14721

<210>	14722
<211>	243
<212>	DNA
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<400> 14722

<210>	14723
<211>	242
<212>	DNA
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<400> 14723

6644

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 tgttgttgat tttgaagaag gaaagaagga aggaagaaaa tgatgaggct atggatttct 240
 ta 242

<210> 14724
 <211> 241
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963873H1

<400> 14724

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 tctacgtcgc caagctcgcc gaacaagccg aacgctatga agaaatgggtg gaagcaatga 120
 agaatgtggc gaactaaacg tggaattgac ggtagaggag cggaaccttc tgtcgggttg 180
 gtacaagaac gtggtgggtg ctcgtagggc ttcgtggagg attctttcct cgattgaaca 240
 g 241

<210> 14725
 <211> 240
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963875H1

<400> 14725

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 tctttgcagc attgaatata gtgttgggga tgcgagctgc gggggcaggg aatgattgga 120
 aggcaggcta tggattcctt cttagcattg tacttgtggc agttatcgtt ctggaagtgt 180
 tggcgtattt gaaaagggtca gaaaagcgtt ctcttcctca gactttccaa atggaccag 240

<210> 14726
 <211> 241
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963876H1

<400> 14726

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aattaaagtg cagaacagtt tctaggtatg gaaactcttt catatgggtc agcaccatgc 120
tgccaagttg tgaactcaaa gtggaaatta gttgaaaaga gtttgagttc acgtcaatca 180
agagtttcct ctataggaaa acttggagtt tattacacag gtactatttc tgcatgtgcg 240
c 241

<210> 14727
<211> 243
<212> DNA
<213> Glycine max

<223> Clone ID: 700963877H1

<400> 14727

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ccttcacat cattgcgcac gcaattgttc ctcaaaacga aaccttcaaa tttgagaact 120
caggtgaact tggaccctac atcggtgagt acggtgcaga ttacagaatg ataagcatct 180
tcaactcacc attccaagtt ggtttctaca acaccacccc aaatgccttc actctagctt 240
tgc 243

<210> 14728
<211> 243
<212> DNA
<213> Glycine max

<223> Clone ID: 700963878H1

<400> 14728

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cccgccggcg acagaggcac acagaacggg gttgagaagc tgcgctgcgt ttagcgtggt 120
acgtgaataa tgcggcagac aaaaacagat tgtgctgttg cgacaatcgc aatcgtgcgt 180
gtaaggcgaa taatgcgtta agtgatggtg aagacgagag atacagcagc gtcaatgacg 240
gac 243

<210> 14729
<211> 247
<212> DNA

gaactcctat a

251

<210> 14732
<211> 244
<212> DNA
<213> Glycine max

<223> Clone ID: 700963883H1

<400> 14732

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tgtctatcga atcggtgaga aaatggcagt ggagctgatg gggttcccc aaatgggcga 120
acagaaggca attgaagaag cagccgccga aggcctcaag ggcatggaac acctcctctg 180
tctcctctcc catcgacctt cccacctcgg cactcaccac accgacgcca ccgtttccaa 240
cttc 244

<210> 14733
<211> 248
<212> DNA
<213> Glycine max

<223> Clone ID: 700963884H1

<400> 14733

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ctttcatcat gtggagactt cgtcgagctt cttttcgtct cagtacgagg cgaggagtta 120
acgcgggagc tagccgtgct tctgctgtca aattagtggc aaccactagt gtggaatatg 180
aggctgggat ccctcagtct cgtcaaata cttattgtag atttctgtcg gctggcatgg 240
gtcgtgtg 248

<210> 14734
<211> 245
<212> DNA
<213> Glycine max

<223> Clone ID: 700963885H1

<400> 14734

caaccagttc tgctggtggg gtgtattcct cttcaacaga tccagttcat gtgccctctc 60

<213> Glycine max

<223> Clone ID: 700963894H1

<400> 14740

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 caaccactct cactccaatc caaacctca aattctgttc tccaatccc aaacctctct 120
 tcactcccaa acctctcttc tctcccaaac ctcttccat ctccacacct cacaccttcc 180
 gcgccgataa actctctctc tccgtctccg ccgscacctc ctctccaac ggtcctccct 240
 ctctctcc 247

<210> 14741

<211> 263

<212> DNA

<213> Glycine max

<223> Clone ID: 700963901H1

<400> 14741

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 caattctaac catgcctaata gatgatatta cgcattccaac tctgatctt acaggatata 120
 ttactgaggg acagatatat atcgacagac agttgtataa caggcagata tctctccaa 180
 tcaatgtcct tccatcattg tctcgtttga tgaagagtgc cattgggtgag ggaatgacac 240
 gaaaggatca ttctgatgtg tcc 263

<210> 14742

<211> 85

<212> DNA

<213> Glycine max

<223> Clone ID: 700963902H1

<400> 14742

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 agattccctg gattcaacca ttctc 85

<210> 14743

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700963903H1

<400> 14743

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 ttgagaaatc ctattgtatt ggaaaaagtt atagcagaac ttgacttcca agttggaaaa 120
 gagagatgta taactgagtc tgatataagt aagttaacat accttcaagc tgtgggtcaaa 180
 gaaactttaa gattataccc tccaggctct ctctcagcac ctcgtgaatt catagaggat 240
 tgcacttttag gtggct 256

<210> 14744

<211> 94

<212> DNA

<213> Glycine max

<223> Clone ID: 700963904H1

<400> 14744

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 caataacaat ggcagcctca ctacatgctg cagc 94

<210> 14745

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700963905H1

<400> 14745

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 cttcacaccc accataataa taatatcttc attgttcttt tcttctttgt taccattaaa 120
 aacacacaca cacacacaac aacactctga aactaacaac aacaataaaa gaccatgtcg 180
 gtcaaggagt gcgagcacca caaggggaag aagaggaaga tcttccggca agtgttctgg 240
 tgcttagtgg tgt 253

<210> 14746

<211> 243

<212> DNA

<213> Glycine max

<223> Clone ID: 700963870H1

<400> 14746

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tagcgtttagc gtactctccc aatcccaatc cccctctctct ctttatccct tcttttcttc 120
ttcttcttct tctattccct ctccctccgc tttttctctt catcggtgtg gttcggcgtc 180
gctgaatccg tcacgttggt gtttgtgtcg aatcggacgg cgaagattgc atcgcgacgt 240
att 243

<210> 14747

<211> 249

<212> DNA

<213> Glycine max

<223> Clone ID: 700963907H1

<400> 14747

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tggccttttg agaactttgg aacatacaag tatctattgt atgggccggt tgtgggaaaa 120
gtcctgtatg aatggttcta tgggtgaagaa cactcctact acaacctcag ctggtgcctt 180
catttgctca tacttagtgg tctcagaggc ctaattcatg tgctttgggg ttctacagc 240
cacatgttt 249

<210> 14748

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700963908H1

<400> 14748

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aatccaccaa agttcgacct tagtcgcata cccaaatcat tgctctgtg gatggcctat 120
ggtggagatg atgcattggc agatataact gatttccagc acacactcaa agaattgcca 180
tccacaccgg aagtggttta tcttgaaaac tatgggtcatg ttgacttcat attaagcttg 240

ccagcagaac aag

253

<210> 14749
<211> 252
<212> DNA
<213> Glycine max

<223> Clone ID: 700963834H1

<400> 14749

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ccaccctgtg gccagggcaa aagccttaga ggggttatat aactacaaat gatcatatat 120
aacggtcac ctagttatgt gtgtgctaag ttccacatct catattcgtt gtgggtaaata 180
gttatgacat ggaaacttcc tagtttttaa aaaaaaaaaa aaaaaaaaaa aaagaaagaa 240
agacaaacta gc 252

<210> 14750
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700963835H1

<400> 14750

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gtcaccacca tggcacttgt tgaagcctct gcttctcttt caatctcttc tgttgctcgt 120
cttttcactc caccaaaatg ctctcccacc gtcactttc ctcatcggaa ttttggtgca 180
actcgacat cattcatcgc tgggtcccca ctcttgattc ggagaaatca tggaaggaaa 240
gctgcatgca aag 253

<210> 14751
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700963837H1

<400> 14751

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taatcaccag aacttggagt tcttgaagga gatcggtttg ggctcttcca acattggctc 120
 ttacattaat ggccagtgga aagccactgg ttcttctgtc acttctgtta atccttctaa 180
 caatcagagt atagctcaag tgaccgaagc aaccttgcaa gattttgagg aggggttgcg 240
 agcttgcaat 250

<210> 14752
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963838H1

<400> 14752

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 ctcttccaaa ctaactaatc tctctatctt cttctcttcg cgtaggcgtc gtcccccgca 120
 acgacgtcgt ttcattgtta cgctattgtt gttgtgctga ttctctctcc gaaaatcttc 180
 tgagggtctc tcggcgatga gtggagtaat acattctctg gtgtttgatt ccgcgtttcc 240
 atttttc 247

<210> 14753
 <211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963839H1

<400> 14753

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 gcctcaaagg ctctcagcc aatctcaact tcccttcttc aagctcctcc tcacaacact 120
 atatcatccc tcaagacact gccatgatgt ccccaaaatc aatccaaaga gttgctgctg 180
 ctgctgcaa caatttcttg gacaataatg ctattgctat taataatgct accacccac 240
 cttct 245

<210> 14754
 <211> 244
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963840H1

<400> 14754

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gagccactgc ttcgcccccg ccggcgaggt ggtctccatc aaaatcatcc gcaacgagct 120
cacggggccag cccgaggggt acggcttcgt cgagttcgtc tcccacgcca cagcggaaag 180
ggttctccag acctacaacg ccaccgacca gaccttcagg ctcaattggg cctccttcgg 240
catc 244

<210> 14755

<211> 240

<212> DNA

<213> Glycine max

<223> Clone ID: 700963841H1

<400> 14755

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agaagtttta gggtttcgtt ttgtttctct cttcgccac ttcaggctat ggattcattt 120
gagccagctg gaaatgggaa ggagtcactg ccaccaccac ctctgttgt tccctctgat 180
attgtacctc tcaaagcaga ggaggtgctc tgtacccta ccgagcataa taagaaaaag 240

<210> 14756

<211> 79

<212> DNA

<213> Glycine max

<223> Clone ID: 700963842H1

<400> 14756

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tcacattcat gggttacgt 79

<210> 14757

<211> 244

<212> DNA

<213> Glycine max

<223> Clone ID: 700963846H1

<211> 250
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700963850H1

 <400> 14760

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 atggctcaac aacaggagga cgaaatggag tatgttgctg atgataatga aatggcggaa 120
 gtagaagatg acatgtatct ccgtggtaga gtgtttgggtg attcagagtc cgaatcagat 180
 gacgatgatg aatatgactc catggaaaat cggatgacag atacctctgc tgcagaagcc 240
 aggaaaggaa 250

<210> 14761
 <211> 251
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700963852H1

 <400> 14761

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 aaaggaaagg agatgtttga ataaaaataa ttccccttca agttcttatt ttttgagagg 120
 acaggacaat atgaatgttt tattatgctc tatcaacaca ttaaaaagat tatatgatat 180
 atctgctgtg gaagtaggtc aacatttcta ttggcaaata gggagtcttc aagtacatgc 240
 ccaagtactt a 251

<210> 14762
 <211> 249
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700963853H1

 <400> 14762

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 cttgttccca tcctcacggt catgggattg aaagttgaaa gaaataagca ttggattggg 120
 tatgagtgtg tcggagaata gagagataga tggcgaaatc ggggaataag aatatgggat 180

00330 E F F E S S

caaccgcaaa agttcaccct tccaatgatc ccgaactgga tcccgattct tacgccctgg 240

agaagttca 249

<210> 14763

<211> 244

<212> DNA

<213> Glycine max

<223> Clone ID: 700963854H1

<400> 14763

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caatTTTTga caagtgaagt ttcaagaatc aattatttag gatatagact ttatcgtgct 120

ctgcctttcc tttatgaatt aagatgtgtt cttgactggt catgcacaac tacgtccctc 180

accatgtatg actggctaaa gctggaggac ataaatgcaa gttgtacct tgtcaaagt 240

gatt 244

<210> 14764

<211> 244

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700963855H1

<400> 14764

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ctctctgaac aataactgta ataacgctca tgctgcgtga accaggggta gggctttttc 180

tcgttgatcgn tccgttactc cttttgcggt tttttggtct tgacttcgat cctcttcgcg 240

atcg 244

<210> 14765

<211> 245

<212> DNA

<213> Glycine max

<223> Clone ID: 700963856H1

<400> 14765

<223> Clone ID: 700963860H1

<400> 14768

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 tagtcaaac aacatctgct ggtcatgcga gaaatcttgc atcaagtgtg gacatcagct 180
 cttgcctga tgggaattatc tgtgttggtg gtgatgggat aatcaatgag gtcagcacac 240
 tat 243

<210> 14769

<211> 247

<212> DNA

<213> Glycine max

<223> Clone ID: 700963863H1

<400> 14769

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 cgagaggggc ttttcggaat actctctcgg gtaagtttgt tggagcgttg agaacttgcg 180
 ctcggattaa aataaccgac ccgaaagcga attgggtgat ggaaaccatg ccgggtgcga 240
 gagttat 247

<210> 14770

<211> 250

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700963864H1

<400> 14770

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 aacattacca cacgtngacg cttngaattg ctgctactgc tccatgggtgc cagaatggga 120
 atattcatatc attgattaca actgtctcaa agcacctctg aaaaacattt ccaagtttag 180
 agagctaaac gagtcaccac caatggcatc cacatcgcta ggtctccgaa gagaagttaa 240

cactctatag

250

<210> 14771
<211> 248
<212> DNA
<213> Glycine max

<223> Clone ID: 700963866H1

<400> 14771

caaaacacaa atgcagattg tttcctaggc gtcttaaatt ctatcttcga gcttgccctct 60
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tccaggggaa atcagaaata ctctgattga cttatatatg gatcttatta attgaaacga 180
aattgagttg tctgtagcga cgatgagttg cttttcgtgc tttgtttctc gtgggaaaga 240
tgtgagaa 248

<210> 14772
<211> 246
<212> DNA
<213> Glycine max

<223> Clone ID: 700963868H1

<400> 14772

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ttgaatcagt gctgtaactt tttcttttat ggccagggga taagggtggtt ggattgttat 180
aaattgctct ttttaagggt taggaagaca ttttgtgcaa ggttctgaaa ggcatagtc 240
aaataa 246

<210> 14773
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700963869H1

<400> 14773

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aaattggact tggtaatggt gttcacatgt ctgtttacta atgcgagccc aaataacctt 120
aatagagtca cataaacatc gccaaactta aattattatt gtcaatggtc atgtagaaca 180
gccaagcaaa atattataca acaagtctgt tagtttaata actcattggc atcgtaatca 240
agattat 247

<210> 14774
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700963833H1

<400> 14774

ccacattcaa atccaaatgg ccctttacat tacactaata attggcctcc tagtaaacac 60
cctagtactc tataaatagc atttgcattgc accttagtct tcacaaaaat actcctcttg 120
gcatcttggtg ttgtgtccct cttttaagct atttccttct cttaacacaa ttggttgtgc 180
caattgccat agtcaccaac caattaacaa aggtatatat atcatcatat catcaccaaa 240
tgaaaaatat tgg 253

<210> 14775
<211> 257
<212> DNA
<213> Glycine max

<223> Clone ID: 700963789H1

<400> 14775

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acaagccttt tatgggcacc agcctcagca aaacaacca gttttccata ataacatacc 120
taacagaacg gtgacccact gctcagtga cccattagat acttctttgt gccaaaatct 180
tgccatgcag ttatctccgc tagatgtgtt taatgaaggt ggctctcagt ttccattagc 240
attcttagag gatgatc 257

<210> 14776
<211> 256
<212> DNA
<213> Glycine max

<223> Clone ID: 700963790H1

<400> 14776

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gatctacatt tgagcaagct cggtttaatc tggttactgc cttgtcaa at gttgaagcaa 120
agaagagatt tgaatttttg gaagcagtca gtgggacat ggatgcacat cttcgttact 180
tcaaacaggg gtatgaattg ttgcaccaa tggagccata tattaaccag gtcttgactt 240
atgctcaaca atcaag 256

<210> 14777

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700963793H1

<400> 14777

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tgacattgcc ggtcgtgcta ctattgcttc gcacgcagc gcaacgatgg ttgctgctga 120
cataacgcgt gcgatgcatg taggctccga atgtcctctt cgctcgtcct actcgcaaag 180
actaatcaat tactacagta atgtctcgtc tgggggatgc tccccccat ggccctacgg 240
ctggtgactt agtccgt 257

<210> 14778

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700963795H1

<400> 14778

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gagagccatg tccatgcac gctacctgag gaagattatt gggaagctgt ttggccaaac 120
actcccatc ccaactgcact gcgagagctt ctaaagcctc gccctgcagg tgttgaaatc 180
gatgaactcc ctaagcaaat tgatgataca cagtacccaa aaacattctt ctataaagaa 240
gaccttcac caggca 256

<210> 14779
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963802H1

<400> 14779

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 aaccttctct cacactcacc gctgccacca ccgccttcca ccatggactc cgttccggtt 120
 cgcgatggta acatacacac cattctcgac tcccgttatc ttcactctcc actggatggt 180
 aatcatagtt tgcacactca ttctctgctg attcggaggc tttctcaaga aagggaggtta 240
 gagggccaca ctggct 256

<210> 14780
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963803H1

<400> 14780

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 ccctctcttt cccttcaacc cattccatct tctctctaac tctctctctc tctcaaaaat 120
 ctctctcaaa tcagaaaaat ctctcgctct ctctaaaatt cgaaataacc taaaacaaat 180
 agatatggaa agcaatacac cagtaatagc aaagaaagtg ttgagcataa tacgtgtggc 240
 cttcttcatg ctgag 255

<210> 14781
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963804H1

<400> 14781

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 tagtttttta gaacgggttcc aatttaacaa atttataaac cggttcatcg tataaatgaa 120

ttaaaaaaga actaataacc aacgcatcgc ttcggattat ctagatctaa agaactagtc 180
 aaaacaaaaa ataataataa aaaagatata ttatagcaac tgaactattg tgaagcataa 240
 aagaacaaaa atct 254

<210> 14782
 <211> 80
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963805H1
 <400> 14782

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 ataaagggga ctatggtggt 80

<210> 14783
 <211> 246
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963807H1
 <400> 14783

ggaacggtgg agatggaggc tagcatcatg gatggtccaa aacgacgatg cggcgccgtt 60
 tcgggtctta ccaccgttaa gaaccogatc tcgctcgctc gtttggttat ggacaaatcc 120
 ccacattcct atctcgcctt ctccggagcc gaagaaattg ctaggcaaca ggggtgtggag 180
 gttgtggaca acgagtactt tatcacacct gataatgttg gcatgctcaa gctggccaag 240
 gaagca 246

<210> 14784
 <211> 246
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963808H1
 <400> 14784

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 ctgattttga tgaccttgct ttccatctcc attgctggcg gcaatgcagg tggcttgca 120

catcataagg gtaggcatgg taagcatggt cgtcatatgt ctgctcgtaa tgtgacttac 180
gacggtaagt cactgttcat taacggaagg cgcgagatcc ttttttcggt ctccgtccat 240
tacaca 246

<210> 14785
<211> 244
<212> DNA
<213> Glycine max

<223> Clone ID: 700963810H1

<400> 14785

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gaggcgccac caggtctgct ccatcaccgt ctacacctgt tactttcaag accgttgcg 120
ttttctccaa gaagaaggca gcaccacctc ctccaaagaa aaagcctgct gctgtatccc 180
ccgccaatga ggaactcgcc aagtggatg gtccgtgacag aaggatcttc ttgcctgagg 240
gtct 244

<210> 14786
<211> 242
<212> DNA
<213> Glycine max

<223> Clone ID: 700963812H1

<400> 14786

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ttccttttct cgatcgaaca ctactcaaat ttccacacca gccatcatcc caacgcgttg 120
atcaaccaga gttgaagcct gtactacaat tagagcaaaa gaagaatgca agatggagcg 180
gtgcattggt aaaactcaag tcaagccaag tggagaggct aaagaagaag gctaataatg 240
aa 242

<210> 14787
<211> 246
<212> DNA
<213> Glycine max

<223> Clone ID: 700963813H1

<400> 14787

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 ttggactgaa caagggtcac gtcgtcacca agaaggaatt gccccacgc ccctcagatc 120
 gtaaggggaa aacaagcaag aggggtgact ttgtgaggaa cctcataaga gaggttgctg 180
 gttttgcacc cgatgaaaag cgtataactg agttgctgaa ggttggggaag gataagaggg 240
 cactga 246

<210> 14788

<211> 246

<212> DNA

<213> Glycine max

<223> Clone ID: 700963814H1

<400> 14788

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 tacaagcttc ctcatgtctt tcaatacaaa attattgtca ggtgatattc ttggtcgcac 120
 agttcacaag tttcaccaat atggaactta gaaaatagcc aacggccata gatcaccaaa 180
 ggaagcatgt tgatgttgat ggtttcttgg taagataact tgccgtcata cgggcaggac 240
 acattc 246

<210> 14789

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700963815H1

<400> 14789

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 tcaccggcaa gactattacc ctagaagtcg aaagctccga caccatcgac aacgtcaagg 120
 ctaagattca ggacaaggag ggaatcccc cagaccagca gaggtgatc ttcgccggga 180
 agcagctcga ggacggacgc acccttgctg actacaacat ccagaaggag tcaactctcc 240
 acttggtgtt g 251

<210> 14790

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ctctacctga agctccttgt ttcgcatagg aggtagttga aatgtccgag ggaaatgcag 120
ggaaaggaaa gaaaatcgcc atcattggtg tctcaacctt attgttggtg gctatgggtg 180
tggcggtcac aattgggggc aatctcaatg agaatggttc caacaatgat atagaggaca 240
acaagaaaga tc 252

<210> 14796
<211> 245
<212> DNA
<213> Glycine max

<223> Clone ID: 700963825H1

<400> 14796

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tgattggaat gaagaaaact cttgttttct acaaaggaag agctccaagt ggtgaaaaaa 180
ctagctgggt catgcatgaa tacagattag aagatgaaca ttctgtgcac aatccacca 240
aaaag 245

<210> 14797
<211> 243
<212> DNA
<213> Glycine max

<223> Clone ID: 700963826H1

<400> 14797

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tcgaaagggt taggctattg aattttaaat aattacagat aaaataatcg atagctttga 120
ttttaaaaat taatcataat catcggttag gttgcaacat aatacttaat tcgcttaatt 180
ttttaactgc gcctcagagt attcataaca tattctatta aattaataag ctgggtgatgt 240
aat 243

<210> 14798
<211> 249
<212> DNA

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258

<210> 14801

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700963758H1

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gccgataagg cgatcggaaa accgaaagcg ctagggatca agaaagctct ggttttttac 180

gccggaaaag ccccaaagg agtgaaaccc aattggatca tgcacgaata tcgcctcgcc 240

aatgttgacc gatct 255

<210> 14802

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700963761H1

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aatgcatgac cttccagttg aggaagatgg tacaaagagt gtactgaagg acagaatgaa 180

tgcatatata cgctcagatg tgagacatgc tctagaaaca atagagaggg ttatttcagt 240

ggttagagaa tgtggat 257

<210> 14803

<211> 259

<212> DNA

<213> Glycine max

<223> Clone ID: 700963762H1

<400> 14803

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ttcaaagaaa tcatatcttc taccaagaca ttactgggg aagcagaagt ccttttgaag 120
 gaagctattc aagaacagat ggaactcttt ttactacagg aacaggtaga aaaaaattga 180
 ttaatcattt aataacttta taatttcact ttcaaattct tataattagt atcttttaat 240
 atctttttat ttcatttga 259

<210> 14804
 <211> 258
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963763H1

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 tgtgatgact gttccttgaa caacatcaat attggcacat caagaactgg gagagaaatc 180
 cagggccagc ctgagtggaa cgtgaccgtg atcaacaatt gcaactgtga acagagtcag 240
 ataaagttgt cttgcaaa 258

<210> 14805
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963764H1

<400> 14805
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 agagaatcgc catcattggc gtctcaacct tattgttggg ggctatgggt gtggcgggtca 180
 caattggggg caatctcaat gagaatgggt ccaacaatga tatagaggac aacaagaaaa 240
 atcatgttgc ttcttccata a 261

<210> 14806
 <211> 259
 <212> DNA
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<223> Clone ID: 700963765H1

<400> 14806

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 aagtctgggt ggatgactga tgaggaattt gctagagagg tgattgctgg tgtaaaccce 180
 aatgtgatcc gtcgtcttca agaattccca ccaaagagca cacttgatcc cacactctat 240
 ggtgatcaaa ccagtacca 259

<210> 14807

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700963766H1

<400> 14807

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 atacgtttat tattgtatac ataagctcca agatttataa tttataatat cttagtatat 120
 gtcatatgtg ccaattaagg ttttagactg cattgtttcg tcatgatcct tgacattgca 180
 gcctaaattg ttgttgaaga ccaattttaa aaccttggtg ccaataactg tttgttacta 240
 agcccctctg gaacaa 256

<210> 14808

<211> 258

<212> DNA

<213> Glycine max

<223> Clone ID: 700963767H1

<400> 14808

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 cataatatcc atgttttgat tatcttattt gttccatgag ttaactgatg tctggctgtc 180
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 tttgtgttgc aatactga 258

[illegible]

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<212>	DNA
<213>	Glycine max

<400> 14810

<210>	14811
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<212>	DNA
<213>	Glycine max

<400> 14811

6676

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 gtaacctacg acctttcc 258

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 <211> 257
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 <213> Glycine max

<223> Clone ID: 700963771H1

<400> 14812

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 gagttccatc agggatcgcc tcttccaact caccggaatc cccgcccacc accagcgct 180
 tgttaccggc tgccgccacc tcaacgacga caaatctgcc atccaatgcc tcccggagga 240
 cggcaacatg ttccct 257

<210> 14813
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963772H1

<400> 14813

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 aagagtatta ttcaatatatt tgggtgggtt gaatcccggg gttgaagcgt tgcagacatc 120
 acggctattc taagagtgtc tcgctccctc attcatgtcc gatctgtacg acggaggacg 180
 ggtagttgcy taactgccgt taacccttcg ccgcacggtg ggcgtggtgc tttgccttct 240
 gaaggtggtg gcccttca 258

<210> 14814
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<223> Clone ID: 700963773H1

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<210>	14815
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<400> 14815

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<212>	DNA
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<400>	14816
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6678

<400> 14817

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 ctctcagtct cataataata aatcatctct ctccaaaacc aactcttctt cttcttactc 180
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<210> 14818

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700963778H1

<400> 14818

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 attaccattt gcaactgtag aagcagaaga gatatcaggc tctagggtct ctgaagtttt 180
 gaacctgggtg caaggtaaata gggtaggatc ttcaaattgg aatacagttg tagatccttt 240
 aaatggagac tcatt 255

<210> 14819

<211> 250

<212> DNA

<213> Glycine max

<223> Clone ID: 700963779H1

<400> 14819

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 tacaaatgat aatgaggtga accaatagca tcca.ctacaa gtagaagcta acaatcaaga 180
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 atgatttgat 250

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<400> 14821

<210>	14822
<211>	260
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<400> 14822

$\langle 210 \rangle$	14823
$\langle 211 \rangle$	260

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 <223> Clone ID: 700963783H1
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 gaaagcatcg aacaagtggg ggccgaagca gagaaggccc agagtgggtg agaagacaag 180
 atttcccaat ctgaagctga agctgaagct gaagttgaag caaatgcaaa aagcatcgaa 240
 gaagtgggtg cggaagcaga 260

<210> 14824
 <211> 259
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963784H1
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 ggcggtgcgc ctccgcagcc accacgacaa gtacctcttc gcggaggacg acgaggattc 180
 ggtgacgcag gaccgcaaag gctcctcgaa aagcgcgcgg tggacggtac aatacgtggc 240
 tgaatacgat cacataatt 259

<210> 14825
 <211> 94
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963785H1
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<210> 14826
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tcaatgttgc	aatgatgtat caggatatag gaaagatgaa cacagctctt cgttatctgc	180
aagtagcttt	aaagaagaat gaaaggcttc ttggcgagga acatattcaa actgctgttt	240
gttatcatgc	tctggcta	258

<210>	14828	
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<212>	DNA	
<213>	Glycine max	
<223>	Clone ID: 700963728H1	
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cgccccatcg	cctccgtgta	cggcctcttct
ctccttcctt	ttcttctctc	tcacgggtggt
gggcccggtc	tcgggtctcgg	catggcgggc
gtggccccag	aaaaacaata	tgaacaccac
cgattacgcc	ttcgggggact	ccaagaaata
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gtaccacatg ggaccggt

258

<210> 14829
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700963729H1

<400> 14829

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ctgtctctta atgttgcagc ttccaccaca aactcaaggg tggctctgtt caacacaaag 180
aaccacgctt ctaggcttct tgtgagggct tcagacgagc ctgcagcggc ggcacccgca 240
accaccaccc ctccagctga ag 262

<210> 14830
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700963731H1

<400> 14830

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aggattgggg atggctgccg gtggcactgc tggaggaggc ttatctgcac ttatcacatc 120
tattgggggt ggtttggatg taactgcagc ctttggcaat ggagattttt ctggcaaaga 180
tattggaagt agctcttgat atgatatctt ttggtagtaa gcaagaactg cacttatcag 240
ggcaaaagta tatgatggg 259

<210> 14831
<211> 81
<212> DNA
<213> Glycine max

<223> Clone ID: 700963732H1

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81

<210> 14832

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700963733H1

<400> 14832

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agatgcctgt gagaactggg gtttctttga gttggtgaac catgggatat ccattgagct 180

tatggacaca gtggagaagc tcacaaaaga gcattacaag aagactatgg agcaaagggt 240

caaagaaatg gtgaccagca a 261

<210> 14833

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700963734H1

<400> 14833

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gcttctcctt cagcaacaga tgcaacaaca acaacaaaac aatgatatct ttggtggagg 180

aggaggattg aacatgtacc ctggtgctga agtttctcca atcatgaatc atcatcatca 240

accatggtct atgactatgc c 261

<210> 14834

<211> 260

<212> DNA

<213> Glycine max

<223> Clone ID: 700963735H1

<400> 14834

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gcaagttgat caatcaacag tggctataag agaaggattt ggacgatttg agaagggtact 180
tcagccagga tgccattgca tgccatgggt ccttggaata caacttgctg gtcattcttc 240
tcttcggcta cagcaactgg 260

<210> 14835
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700963736H1

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ggagtctgat gcctgtgatg aactgggtatg cttagctaag caaatggagc ccgatccaaa 180
acctgatggg agaaatgaat ttaaaaataa tattactgat ttacagccta cagggtttat 240
tgatgagaac ttggctggat 260

<210> 14836
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700963737H1

<400> 14836
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gctttttatt cgaatggatt gtttagcagtt ccttccaccg tccccgcatt ctattgggtca 120
tcacattatg aactggcctc tgaaaatgga ttgaaggaat ctgtaaatta ccaagtcatt 180
tctccaaaag atctagcaaa atctgttttt tctgaagcag gctgggtcaaa ttttctgtgc 240
aaaggaaaga aacttcatga 260

<210> 14837
<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700963738H1

<400> 14837

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aatgatgggc tgaggacatc gctctgcctg caatttaagc cacatcatat tgcggcaggt 120
gccattttcc ttgctgccaa gttcttgaaa gtgaagcttc catcagatgg tgagaaggtt 180
tggtggcaag aatttgatgt caccacacgt caattagagg aagttagcaa tcaaatgttg 240
gtaatctacg agcagaat 258

<210> 14838

<211> 259

<212> DNA

<213> Glycine max

<223> Clone ID: 700963739H1

<400> 14838

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gaggatacgg cgggtgtggc cgaggaggag gaggaggagg aggaggagga ggggccggca 120
ggaggggggtt cgggtggaggc aggcgcaggg acagcaatgg gagcctcttg gttcgtaaca 180
ttcccctcga ttgcagaccc gaggagcttc gcgtcccttt cgagcgattt ggacctgttc 240
gtgacgttta catacccaa 259

<210> 14839

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700963740H1

<400> 14839

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ttgattaagc aaaaaactta atagtagtta aaagcaaatg gggaatcttt tttgttgtgt 120
gcaagttgat caatcaacag tggctataag agaaggattt ggacgatttg agaaggtact 180
tcagccagga tgccattgca tgccatgggt ccttggaata caacttgctg gtcactcttc 240
tcttcggcta cagcaac 257

<210> 14840
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963741H1

<400> 14840

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 aaaactttct atgctgggaa agccaatgtt ccagttgctg gtgttaatgt acctgttgtg 120
 ggcggccatg caggcattac tattctgcca ctattttctc aagccacacc aaaagccaat 180
 cttgatgatg atgtcattaa ggctcttaca aagaggacac aagatggagg aacagaagtt 240
 gtagaagcta aggctggaa 259

<210> 14841
 <211> 258
 <212> DNA
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<223> Clone ID: 700963743H1

<400> 14841

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 gcttatggcg tcgggtcgga gttcggagaa gctgagcctt ccatcactcc aatccaaaat 120
 gaagtgcgat cccgaaggct acgaatcgga gctactcctt ctctacaacc aattcaattc 180
 ctgctcgaa ctctttcaga aacaagccgc catgaacttc acctccatct cgggcatcgg 240
 cagcgacccc accgtcgc 258

<210> 14842
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<223> Clone ID: 700963744H1

<400> 14842

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 agaaaattag atagagagaa gaagaaagcg tatctggaat tttcgtttcg ttggtgtgtc 120

gtgtgcgtgt ggaggttctt ttctttgaga ctttccttca aattctagat tgcttcctt 180
 tcttttcttt cccttataac caccaacctc tccctttccc ccttttcatt tcttcctcga 240
 ttttccattt ccataa 256

<210> 14843
 <211> 259
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963745H1
 <400> 14843

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 atatggtttc gttgcccagc ttaacgaggg tcgtcacctc aagaagaggc caactgagtt 120
 ccgagttgat aaggtccttc aaccctttga tgaaaacaaa ttcaacttta ccaaagtcgg 180
 gcaagaagag gtcctcttcc aatttgaagc tagcgaggat ggacaagtcc agttctttcc 240
 aaatgctcca gttgatgtt 259

<210> 14844
 <211> 245
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963746H1
 <400> 14844

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 agatctttag gaggttgctt tctggggaag acaggagtgc atgtgcctgt gtttccaagc 120
 gatggcttat gcttctaagc agtatttgca aaaatgaaat ctgtgttaac aaaaatgcc 180
 ctgtagagac cattgaaaag gaggggtgatg atgtagaatt tggaggtgag ggatatctct 240
 ctcga 245

<210> 14845
 <211> 262
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963749H1

<400> 14845
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 attccacctc cacaagcttc cccgctactc cactctctc caatctctc ttcttcaagc 180
 tcaatcacac ttcttcttct tcttccaaac gaacctcaac cttccatggc ttcaagcgct 240
 tttcacccgt catggagtgg ca 262

<210> 14846
 <211> 258
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963750H1

<400> 14846
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 tgtgactgta atagtgagct aaacaacatc ggcagctaga tcgtcgaaga aaacgaaaaa 180
 gaaaagcttt gaaaatggct caggagtcac tctcagaaac ccccgatatc tcgccccctt 240
 cgtctactgc acaatcgc 258

<210> 14847
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963751H1

<400> 14847
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 ctcttctccg ccaccgtgtc cgctcagggc tctccaacac cggctccgga tgctggagca 180
 gctggatcag tctcagctc tgctcctgc atcgggtgctg cggttgtgtt gtccatgctt 240
 gccatcttca agcactgagt g 261

<210> 14848
 <211> 261
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700963752H1

 <400> 14848

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 gtgctgcgcg gcctgcgcg gcgacgcctg caggaccgtc gtttcgggaa tcagccgtcg 180
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 ccgcgaggtc gccgctcctc t 261

 <210> 14849
 <211> 258
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 <223> Clone ID: 700963753H1

 <400> 14849

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 agagtaaagg ttaagtcctc cagtgttctt aaatcaacta gatggctatg tgacacttgg 180
 agagacaatc atgatgaagg aactgtttgt gctgtggaag caggcttggg gtatgttaat 240
 tggatttctc atgttcta 258

 <210> 14850
 <211> 262
 <212> DNA
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 <223> Clone ID: 700963754H1

 <400> 14850

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 ggcgcaatca tcgggagaga gaaagttttt gactttgaga caatattgct agagagagga 180

ccggtggtgg gcttggcaag aaatggatcc tggtcgctat gctctgcatc aaggctggga 240
 taataacagc gctcttgagg ga 262

<210> 14851
 <211> 258
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<223> Clone ID: 700963756H1

<400> 14851

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 tccgacatga atattgtcga aagtaccata acattgaagc ttccacaagg ttccaatgat 120
 gtcttgctca aaaatttgta cttgtcttgt gatccgtata tgaggaatct catgaacaag 180
 cccgaaggcc ctcccaatag tcgtgcttac actcctggct ctccattaat aggatatgg 240
 gtgtctaaag tcctggaa 258

<210> 14852
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 <212> DNA
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<223> Clone ID: 700963727H1

<400> 14852

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 tgcagttcat tggaattttt caagaaacaa ttgtgcaaga actgggtggg gagctggtaa 180
 gtacacattg attttgaatg ctgatgacaa attgtaatgt tttataatta gggaactaaa 240
 aacaaggtta acagaacga 259

<210> 14853
 <211> 283
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963681H1

<400> 14853

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atccttggct ggcaaggccg tgaagctggg cccatcagcc cccgaagtcg ggaggggtcag 120
catgaggaag accgtcacca agcaggcctc tccggaagcc catggtacgg cccagaccgc 180
gtcaagtact tgggcccatt ctctggcgag cccccgtcct acctcactgg cgagttccca 240
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<210> 14854
<211> 245
<212> DNA
<213> Glycine max

<223> Clone ID: 700963682H1

<400> 14854

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ctaaatgccc gatgattggt gtttcttttt taaaaaaaaa aaaaaaaaaa aaaaaaaaaa 120
aaaaaaaaaa gtaaaaaaaaa aaaaaaaaaa aagggggggg gcccccaaaa aggagccctc 180
ccggcgggga tatatcgcg gggggggtag ggaggggggc acatttttcc caagaagggg 240
ccctt 245

<210> 14855
<211> 281
<212> DNA
<213> Glycine max

<223> Clone ID: 700963684H1

<400> 14855

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taagtggggc atcagcattg ccaacattct gatttctcaa aaccacctga gaaactttcc 180
tatcctcagc aaatagcggg cacagctact ggaattatct ggtctcgtta cagcactgta 240
atcaccccaa aaaattggta cctgtttagt gtaaacattg c 281

<210> 14856
<211> 280

<212> DNA
<213> Glycine max

<223> Clone ID: 700963686H1

<400> 14856

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cggtctgccg ctagcgctct aaagtgtggc agaggcaagg tctggctcga tccaaatgaa 120
gtcaatgaaa tctccatggc caattctgac aaaacataag aaagttggtt aaggatgggt 180
ttattatcag gaagccaact aagattcact ctgctctcg tgctcgtcga atgaaggagg 240
ccaagaggaa gggacgtcac tctggctatg gtaagcgtaa 280

<210> 14857
<211> 282
<212> DNA
<213> Glycine max

<223> Clone ID: 700963688H1

<400> 14857

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ccgccgccgc caactacctc tgcgcccaat tcgattccat ttctagaaag ctgcccgaaa 120
caacctacgc cgtcgacaac acctaccttc tgttttcagc gtatcttgtc ttcgccatgc 180
agctcggctt cgccatgctc tgcgccggct ccgtcagagc caaaaacacc atgaacatca 240
tgctcaccaa cgtcctcgac gccgccgccg gcggtctctc ct 282

<210> 14858
<211> 278
<212> DNA
<213> Glycine max

<223> Clone ID: 700963689H1

<400> 14858

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acaccatgac gacgacattg aagtggcatt gatagtgtgg atgctgagac tcgctgggag 180
cttgatagat ttgttaccaa ctataagaaa agtttgagca aaaacaaaag gaaggctgaa 240

cttgctcgag ctagagcaga agctttgcag cagaatgc

278

<210> 14859
<211> 280
<212> DNA
<213> Glycine max

<223> Clone ID: 700963690H1

<400> 14859

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acaatcttag ctagcatgct tgtggataag gagtggatga gaggaagcaa attgaggaag 180
ccattgagaa agaccaaggt gtgagtgatt tctttgtgta tgggtgtcaat ttgacatttc 240
tagacttgga agacaccaat gtgtatgact tgcaattgaa 280

<210> 14860
<211> 291
<212> DNA
<213> Glycine max

<223> Clone ID: 700963696H1

<400> 14860

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cacaaaaaag catagtcaaa agctatcact tatacgctta tagttgttcc aacacacaaa 180
gtgtgtgtga gtgtgagaga gagacaaaga gagtagtgat ggggtggttg gaagtagagt 240
ttgaggcaga tcagtgaag ataccaaac tacccttggt gaaccctcca a 291

<210> 14861
<211> 250
<212> DNA
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<223> Clone ID: 700963702H1

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cacttccata cacaaatddd ctctcccaga agaaatattd tcatttcatt tcgagtaaaa 120
 gtaaaacaca gttcctgatc catggcatct cgccgccgca tgttggtgaa ggtcataatc 180
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<210> 14862
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963704H1

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 ggcaatacag caatgaggtg gcatgtgcc a gttggaggct tggcgtggaa gcaaacaacg 180
 tagtcaagtg gcaaactgtt cctgcagctt gcggagagta catagctgac tacgttctag 240
 gagaccaata tagatcagat t 261

<210> 14863
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 <212> DNA
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<223> Clone ID: 700963705H1

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 aagggtcgtc gaggggctga atatactcca gtcagtaaag gaggtgcagc agcagtggac 180
 ttggtcaagt tgtttggtcc gaaatctagt gtagttcgga aaagaaagga gtgggacgta 240
 tatgaaccta ttgtggacct ac 262

<210> 14864
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<223> Clone ID: 700963707H1

<400> 14864

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 acagctacat caggagactc aacagcacca aactcctcaa cgctcctcc aaactcctct 180
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<210> 14865

<211> 262

<212> DNA

<213> Glycine max

<223> Clone ID: 700963708H1

<400> 14865

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 gttcacagct gaagagctac gtcgtattat ggactataag cataatatcc gtaatatgtc 180
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<210> 14866

<211> 259

<212> DNA

<213> Glycine max

<223> Clone ID: 700963709H1

<400> 14866

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 gatcagttat gatgagcaat tccaaacaaa agaagaaatt gaaggcacac aagaaaaagg 180
 atgaatgggtt gaaggacatg aggggtaacc taagtttgct ggctaccgta attgcaacta 240
 tgacctttca gagggtat 259

<210> 14867
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<223> Clone ID: 700963712H1

<400> 14867

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 cccggcccag ctcgggccac aacatcctcg aaatcccaag tcaacaacaa gccgcccag 240
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<210> 14868
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<223> Clone ID: 700963713H1

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 tatgccaaat caaccagcac caaagactga agatgattca gaagatgaaa gtagaagaaa 240
 gagaagacgt gaggagagga 260

<210> 14869
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<223> Clone ID: 700963714H1

<400> 14869

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agaaatgata ttatgattta aggctttagg gagataataa tatgatttct ttctatttct 180
 agaataaaaag agtaattaat ctcttcccat ttctgattga tttccttggtg ctcaaaaacga 240
 tgcataactca tggt 254

<210> 14870
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 tttttttgaa atttgtttcc ttttaactgg tgggggtttta gtgcagtctg tttttgttca 180

gataaaagttt gtattttttt tggtttttgg tttttgtttt aatgtttttc agggcttttt 240
ctctctctca ctagagttga c 261

<210> 14873
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<223> Clone ID: 700963721H1

<400> 14873

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accaagtgtt gagagagcaa ctagattgga taagaagggt cacaattgca gttcaagcgg 180
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<223> Clone ID: 700963722H1

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<223> Clone ID: 700963725H1

<400> 14875

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 gtgacctacg gcaccattgc cccattgggt gtccccaac agggatctct catcaatgg 180
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<210> 14876
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 <212> DNA
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<223> Clone ID: 700963726H1

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 aaatatgtct cagttgcacc ggcttcaatc taaaccatgt gttataccaa agagttttgg 180
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 gccattata caatctcgg 259

<210> 14877
 <211> 283
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963679H1

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 taccaatggg gctgggaatg tacgaggatc aaaagcttta cttttagggc accccaggag 180
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 <213> Glycine max

<223> Clone ID: 700963649H1

<400> 14878

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aagctcaaca ttcagcttca aagtcaccag ctgcatttta tcagattctg agagtggaga 180
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<210> 14879

<211> 284

<212> DNA

<213> Glycine max

<223> Clone ID: 700963651H1

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tttgccctgc ctggtgtcct ttttcttctt tctctccaaa aatctcacac acacaggtat 180
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<211> 285

<212> DNA

<213> Glycine max

<223> Clone ID: 700963652H1

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gatggcattc tctgtatcat tggaatcgca aaattctgat tccctagtat gtgctttcct 180
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<223> Clone ID: 700963654H1

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gatcaatctg agtgctgcca aatcacaacg ctgggac 217

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<212> DNA
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<400> 14882

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<210> 14887
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<223> Clone ID: 700963663H1

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 ccatcatatt cctagaatca catgcagtga aaccaaaca atccaacacc aaaccctaatt 180
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282

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<223> Clone ID: 700963672H1

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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963674H1

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DISCUSSION

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cggtagccct gatccgaaga tcgtgaatca tgatgatcgt atgcagtaga cgggtgcaca   180
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<223> Clone ID: 700963646H1

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<223> Clone ID: 700963618H1

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<223> Clone ID: 700963619H1

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ggagtgggaa agcgaacaag ttcgacggaa agatctccgc gtttccgggg agagagggaa 240
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<223> Clone ID: 700963620H1

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tttgtcaaga tgttcaacaa gtcaagggag gagatgaaag gcaggcagat gctgaaaaaa 180
agaaattaga gaaagaagca ttgaaggaaa ggacagcaaa taactcgctt tcaaaaaaag 240
atggcgttcg atagatgcct aaacaagcaa gccgcatggt tactttca 288

<210> 14904
<211> 287
<212> DNA
<213> Glycine max

<223> Clone ID: 700963621H1

<400> 14904

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aacacggttg tttttgagga ctacttcctt gcaagatgga gaaactgggc actgaggggt 180
tcatgaagga gctgacaaac ggatttcagt tgctgatgga cagagagaag aaggtgataa 240
cgtttgagag cttgaagaag aactctgcat tgcttgggtt ggaaggg 287

<210> 14905
<211> 287
<212> DNA
<213> Glycine max

<223> Clone ID: 700963622H1

<400> 14905

<223> Clone ID: 700963625H1

<400> 14908

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caaaaatcac aaaagcaaga aatgaagggt ccatcaatgg gaattcagaa tcaagatcat 120
atcttgaaaa gaagcttgtg ttttgttttg gttctatgtt gcatcccaaa tgttacttcc 180
ttttagggac gatacttact ctctacatct gagatacagc aggcataaga gatagctaca 240
cgaatgggtca ttcagtatgg gagtggacct gatgacagtc ctgcaat 287

<210> 14909

<211> 284

<212> DNA

<213> Glycine max

<223> Clone ID: 700963626H1

<400> 14909

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ggaaggacag tcgttatact gaaagagacg cagcgggtgt tgtaaggcag atgctcaagg 120
ttgcagctga gtgtcattta catggtttgg tacacgggac atgaaaccag agaattttct 180
ttttaaatca accaaagaag attcaccttt aaaggccact gattttgggt tgtcagattt 240
cataaaacct ggaaaaaagt ttcattgatat tgttggcagt gctt 284

<210> 14910

<211> 285

<212> DNA

<213> Glycine max

<223> Clone ID: 700963627H1

<400> 14910

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aaagacagat agttctgctt gaacatcttc aaccatttc ttcaagttca aatttttctt 120
ctcaaaccga tcaatctacg gatctctcag ctctttatgt tttgctggga attcttcgca 180
tggtcaaaca ggtggatcag atgatgacgt ggtgattgta gctgcatatc gtactgccat 240
ctgcaaagca aagcgtgggg gctttaagga tacccttcca gatga 285

<210> 14911
 <211> 289
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 <213> Glycine max
 <223> Clone ID: 700963629H1
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 aaggcagaga agaagccagc agagaagaag cctgtggagg agaagaaatc gacggtggga 120
 gacaaggctc cggcggagaa gaagccaaag gccggaagaa gcttccgaag agggaggcgc 180
 cggcggagaa ggtaagaaga agaagagaaa caagaagagc gtggagacat acaagatcta 240
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<210> 14912
 <211> 203
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963630H1
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 agagcatatg ttgtaggacc cttoggagtc tgtagtgta aattttatca tgcttgagtt 120
 attattggct tcacacataa attgcgtgta actgtaaccc tggctgagag ccataaattc 180
 gaataaatct tttagttgct gcc 203

<210> 14913
 <211> 289
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963631H1
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 tattatggct agcatgaagg ttacatgggt ggttgtgac atgtgcatgg ccgtgggtggg 120
 tgcaccgatg atggcgcaac catgacatgc aatgagtgc ggtgaacatg gcacagtgc 180

tatcctacct gatgcagga ggaacacctt caacactttg ctgcagcgga gtcaagaaca 240
 ttcttggtc tgctgtcacc accgttgaca aacaaactgt gtgcaactg 289

<210> 14914
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963632H1

<400> 14914

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 tcccttctct caattgtcaa ctctctcct tcccaacacc ttcagatcgc caatgctgaa 120
 cgcaggattg acttgacttc tcacattatt aagggtcgctt gacgttgacg ggtgaaaatt 180
 cggggaaatc ttggacttca gctatgcgtg tcgcgcgacg tatcgctcag gtgggtatttc 240
 tagcaatag 249

<210> 14915
 <211> 284
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963635H1

<400> 14915

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 catcggagtt gttgcattaa ttactccatg gaactatcct ctattgatgg ctacatggaa 120
 agttgctcct gctctagctg ctgggtgtac acaatattga agccatctga attggcatct 180
 gtgacctgtt tggagctggc tgaaatatgc agagaagttg gccttcctcc aggggtatta 240
 aacattgtta ctggattagg caatgaagct ggtgctcctt tgtc 284

<210> 14916
 <211> 285
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963636H1

<400> 14916

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 gatctgattt cgctcgaata attgcgggtt cattttgatc tgaaaaagga aaagagaaaa 180
 aaagattggg ttattttctga ttcaagattt tgtccttttt tgaaatgggc tatttccata 240
 gctcaatctc tctctgcaag ttcgttgatc aatcatcttt catgg 285

<210> 14917
 <211> 278
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963638H1

<400> 14917

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 gcttttcatg gagttgcagc caagttaact gaaggagaag ctaagaagct agaggctgaa 120
 gaaggtgttg tggccatatt ccctgatata agtatgagct acacaccaca agaagtccaa 180
 tattccttgg tcttgaacca gcaaaaagca ctaacatgtg gtcagagaag ctagctggcc 240
 atgatgttat agtgggagtg gtagacactg ggatttgg 278

<210> 14918
 <211> 282
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963639H1

<400> 14918

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 cagctgtcgt gtgtcctcag aacatcaccg gagccatcgt gagctcacct agcaagacca 120
 agaagagagt ggtacacggg agaggcataa atcatttggg ggactgaagg ctaacaatgg 180
 tgttgtctct ttggggattc ctatgagcac tgagaagtgc tttgctaagg ttgtgagctc 240
 agtgaaagca gctaacatca aatgggaaag gaaaaggagg gg 282

<210> 14919
 <211> 285

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700963640H1
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 ctgcgactag cgccaatgcg gagttcgaat tccgaatcct aagacggaaa ctggaatcgc 120
 tggttccgcg atcctccgtc tccggcgccg ggatgactcc gcaggtcgcg ttgtagctcg 180
 cgactgatct cgccgaagca gaggttcgcc gtctccagct tccggccgga attgcgtccc 240
 tgaattgttc cgttttttta tttgttggtt tgcgaggttg aaatt 285

<210> 14920
 <211> 280
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <223> Clone ID: 700963641H1
 <400> 14920
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 ttcaactcaa gtcaggggct ggtgnggtta cccatgttcc caagtgccca ttatgccctt 180
 ttgcaaagga aggtcttaca ggatgatgag gatagggagc aggtgttctt cttctgctgc 240
 agcacaggct ccgttgccat ctgaccaga taaggaaaat 280

<210> 14921
 <211> 284
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963642H1
 <400> 14921
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 ttactgccat gaagtccgtg aaacaacagc tttcatgggt ccattgggtg ctggtgatgg 120
 aacaaaaact caggcacttg ctatttgcca tcaaatactt ctggaatgaa tcatcaaatg 180

cttcatcaac ttatgggagt tgatcctgga actaaccttg tttgccattt ccttggaagc 240
aaggccattt tatgggtacc caatttatct gtggacactg ccta 284

<210> 14922
<211> 282
<212> DNA
<213> Glycine max

<223> Clone ID: 700963643H1

<400> 14922

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agagagtgtg aaagttgata atgatagctc aatagttgat gacaagaagg aagagaaaac 120
tgactcaaag gtggaagaaa tctctagagc tttaatgaac ctgttagaga aacattggca 180
tctaaatttg aagaggaaac tgttgaacct ggagcggata aggtagagaa agaacaaact 240
gtggagcctg agaaaactga ggaggttcaa gccaccaagg aa 282

<210> 14923
<211> 293
<212> DNA
<213> Glycine max

<223> Clone ID: 700963617H1

<400> 14923

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gacacaagtg aggcttggtg cataaacatc aatggcagaa aaacccaac cggttcgggt 120
tctctactgc ggcgtgtgca gtttgcccc cgaatacgcg aattcggatc cgatttcgag 180
aaatgcaaac cctggttgat ccaaaacgtc cctgacctat accctgatct tctcaaagag 240
aaggaagctg ataaagttgc tgacaaacta caaagtacgg gtatatctgg agc 293

<210> 14924
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700963589H1

<400> 14924

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 cgtcgtgggt ggaggaggcg gcgaacccga tacgaatggt ggcgggggtg gaggcagagg 120
 aggttcgggt gatacggcag tgccggcgcg cgctgaagtt tgctagggtc atgagcaggt 180
 tcgggaagag ttaccgaagc gaggaagaga tgagggagag gtacgagata ttctcgcaaa. 240
 acctcaggtt catccgctcc 260

<210> 14925
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963590H1

<400> 14925

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 tacaactggc caaaaaaatc agcttttgct ccctgacata ttagtatata atacatagtt 120
 tttatgtgtt gtgtagcact ttagattact acttactaga gtgaaaagcg agaggcagaa 180
 gagaggaagg gagacatatg gaggaggtgt ttgtagcaat gaaactgggt ttttcagttg 240
 ctgtagtggg gattctaag 259

<210> 14926
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963591H1

<400> 14926

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 ccgaagcaga acacaacgat cccacctcgc cggagcgcca ggtccaaacc aaaagcaaca 120
 agaagaaact ccgcaagagg aaaaggcctc acaagaccga gcagaaacga gatgaggaca 180
 agaacgatgc taacattgat agtgcccaaa cacaaccga agatgaagaa gaagaacaaa 240
 aagaagaaga cacaacaaac 260

<210> 14927
 <211> 261
 <212> DNA

tctcgtcaaa tcactcacag tag

263

<210> 14930
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963595H1

<400> 14930

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 cgatcagaaa catcgccgtc ggaacgcctg aagaggcgac tdaccccgac acgttgaagg 120
 cggttttggc tgagttcatc tcaaccttca ttttcgtgtt cgccgggtca ggctccggca 180
 tcgctacaa caagctcacc gacaacggcg ctgccacccc tgccggcctc atctccgcct 240
 ccatcgccca tgcattcgcc ct 262

<210> 14931
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963596H1

<400> 14931

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 gtacttgagt actcactaag tacagttaca gaaggcactg atgcaattgc aactacacgt 120
 gttgtaattc gtagagagaa taagcaatca ccaactcctg ctttgaatgg aaacgtaatt 180
 tatccaacat ttagtggaac cggagaacgg gtggatgttg ttacttcaag tgtagaggct 240
 tatcttactg cactaaacaa aatgc 265

<210> 14932
 <211> 283
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963601H1

<400> 14932

accgattcca ctactcaac catgtcgccg attcacgcgt tttgagctca tagaacaacc 60

acctttctac cactcctgct actctttccc ttcttcgct ctccaagact cactctctct 120
cgacctcgac ctcttgccac ttcccagcca cttcgacgtt tcgcagatct ggtgcacgcg 180
ccgtcgttcg cttaccggcg cgtggagagg catctcgaga atgagttgcg tttgcagagc 240
ctctctgacc gtgtggcgga ctggagtcgc gggtcacctg gtg 283

6721

<223> Clone ID: 700963604H1

<400> 14935

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cccttctctc ttcacggtta cattgctctc tctctctcta cacatatatt tctctctctc 120
tctctacacg ttcgatctct cgcttctgaa tctcaacgat ggtgctcgat gcgactatta 180
tctatataga caattcagaa tgtatgcgta acggggatca ctctccttct cgatttcaag 240
cacacacaga cgctgtcaat cttatgtgcg gtgataaaa 279

<210> 14936

<211> 283

<212> DNA

<213> Glycine max

<223> Clone ID: 700963606H1

<400> 14936

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gcgtctcctg gaggtcact ccggagcggg gcgagtgcac gcccgattcg gcttcggcaa 120
gaaaaaggct cccgccccaa agaaagcctc cagggatcgg gccgagacac cgacagaccc 180
ctttggtatc cgggcgccaa agcgcccgaa tacctcgatg ggagtcttgt cggagactac 240
gggttcgatc cgtttgggct agggaagccc gcggagtacc tgc 283

<210> 14937

<211> 285

<212> DNA

<213> Glycine max

<223> Clone ID: 700963608H1

<400> 14937

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cttgcatctc tctcggttgt tctatttctg ggtctctatg aggcagcagc agaacagact 120
cagactcaca agagtactta cattgtacac gtgggaaatc ggagatgccc gagagcttcg 180
agcaccacgc tgtgtggtat gagtcgtcac tgaagaccgt gtctgactcg gcggagatga 240
tttacaccta cgacaacgcc atccacggct acgcgacgag attaa 285

<210> 14938
 <211> 289
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963609H1

<400> 14938

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 aagtttgcca catcctaggg gagatgagtt tggtgccgtt agtagagtcg tcttgcccgc 120
 agaccaaggt gctgaaagta caatttggct aattgcaagg catatgttgt tgtcaatgac 180
 tcttgctatc atcaactcat gagccactgg ttaaatactc atgctgtgat tgaaccattt 240
 gtcatagcaa caaacaggca tcttagtgtg ctccacccta tttataaac 289

<210> 14939
 <211> 284
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963610H1

<400> 14939

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 tttggtgagt ggtagagga gcacaaacaa aatagggtt ttggtgagaa caacgttgat 120
 ggaattcaag acttcgtgga cgatcatgctt tctgtttga tggaaaaaca atttatggca 180
 tagatgcgga taccatcatc aaatccaatt tactgacaat aatttcagga ggaactgaat 240
 caatcactac tactcttaca tgggcagtat gtttgatatt gaga 284

<210> 14940
 <211> 283
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963611H1

<400> 14940

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tctttctatg caatttcttc ccccttaaat ttcagctttt attcttgccc ctatctttct 180
 agtccattct tttgttagaa cactctgatt acccatttca ggacttcttc acttttcttc 240
 atcattcctc tctgtatttt acatttcac ttaaaggatc tgt 283

<210> 14941
 <211> 289
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963612H1

<400> 14941

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 cgaccgcacc gtcggaatga agaagacgct tgtttccaca gtggccgtgc cccacagggc 180
 cgtcgcacca actgggtaat gcacgagtat aagatgctcg acgatgaatt ggcacgttcc 240
 ggcacagtgc tggatgtgtt tgttgtgtgt aggattttcg agaagagtg 289

<210> 14942
 <211> 288
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963613H1

<400> 14942

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 gagttggggg tgggaagtgg aggattctac cagcctgggtt acggggaaga caccaaatg 120
 catttgaaaa tgatgtgcct cggaagaac tgggtcctca gtccgggtcaa tacggagacc 180
 gacgccatt tgacggagca aagccaccgc aaattcctcc cgagttccac agccatgtcc 240
 acagtgcact caaggattcc aatgccctcc ttccctccat ctcccctg 288

<210> 14943
 <211> 290
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963614H1

<400> 14943

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tcttatgatg gggatattgc tgctggtatg tcttgctaag gtttcatctg atgttaacat 120

gcaaaaggaa gaagatgaag aacttcgctt tctatcacc ctcttatcgt gagagacggg 180

aacagaaggc taatgcaaga catagattgc ggaggattgt gcaagacaag gtgcagtgcc 240

cattcgaggc caaacgtgtg caacagggct tgtggcacgt gttgtgtgag 290

<210> 14944

<211> 292

<212> DNA

<213> Glycine max

<223> Clone ID: 700963615H1

<400> 14944

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gagagagaga gagatgtcat catcttcaga cctggacagg caaatagagc agttgaagag 120

gtgtgagcct cttaaggagt ctgaagtga ggtcggtgcc tcaaagccat ggaaatcctt 180

gtcgaagaga gcaacgttca aagggtcgac gcccctgtca ccatatgtgg tgatattcac 240

ggtcagtttt atgacatgaa ggagcttttc aaagtaggag gggattgccc ca 292

<210> 14945

<211> 290

<212> DNA

<213> Glycine max

<223> Clone ID: 700963616H1

<400> 14945

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acccttttgt taaaatccca ttagggtttc aactactgtg ctcttgaagg cagctcaggg 120

aattgcattg aaggttgag cgttgaaacg catacatgtg aaatctgaaa ctggcttaca 180

aactctccaa cggggtcagt ttaaaaaccc ccaatggccc aaatgctgtt cttgacactc 240

tcaaggacta tggattctcc aaaactgagg ttgcaaaact tgtggagaag 290

<210> 14946

<211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963587H1

<400> 14946

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 tattttatatt actatcatcc attcccaaca cacaataccc ttctgggtac ctcaaaaaaac 120
 atttattttt tcgtttttgt ttgggtccca ttagattata tttcattggg tcttcgttaa 180
 ttgaaagacc ttgttggttc ttacttggtt tatggatttc taacccttgt tcctgtgata 240
 taccaattca agtaaagcag ca 262

<210> 14947
 <211> 266
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963557H1

<400> 14947

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 cgcgccccgg tgacgatgac cccaagtaca gatcaaagag aaaaaggggt gctctgaatg 120
 tagaaaattc agaaacttta cctactggcc aaggagtaac taatagcaag gtatctcctt 180
 atcactgcaa ttattgtaac aaagacattt cggggaagat tcgcatcaag tgtgctgttt 240
 gtcaagactt tgacctctgc atagag 266

<210> 14948
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963558H1

<400> 14948

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 gcaatgatga acatcgtgcc ttttgcctt agttttcaaa caagaaaagg agactgacct 120
 cttgtgttct tttctgcact gggtaaaata caactgggag tattgcattc tcttctctt 180

ctgtttaatt tcttaactag catatTTTT atgttaaatt ttattgttgg ctaaggctag 240

agcatctgta tctatcaaaa aca 263

<210> 14949

<211> 264

<212> DNA

<213> Glycine max

<223> Clone ID: 700963559H1

<400> 14949

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accattctct tctTgcacc cTTtcacgct caagctaaaa ttaaagtcac ttactgcat 120

aagaaggcag actatcctgt gaaggTgtct ggagTTgaaa tatcaccaga ccctgtggag 180

agTggcaagc ctgctacCTt taagatctcg gctacttcta gtaaagctat ttatggTgga 240

gaagTTgtaa ttggagTTtc atac 264

<210> 14950

<211> 265

<212> DNA

<213> Glycine max

<223> Clone ID: 700963561H1

<400> 14950

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agagatacaa gtgctTcctc catcattggc aacattaggg agccctacat tggTcatagt 120

tctgcgaaga ggccgaggTc tcgacgcaac gcatggTgca aagacctcaa gatgaagaag 180

ggagacttag atTTcatttt caatcTTTtg tTtcatttag tgctgcctcc agagcaacaa 240

aggcctTgtg gagaacaaga atact 265

<210> 14951

<211> 143

<212> DNA

<213> Glycine max

<223> Clone ID: 700963562H1

<400> 14951

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 acatcaatac acatcatgct ttt 143

<210> 14952
 <211> 163
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963563H1
 <400> 14952

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 gcttctaatt ccattcttct tctttgtatc tttcttggtg ttgccactaa ggttttttcc 120
 tatgatgaag atctcaagac agtggttctt gcacctgctc cac 163

<210> 14953
 <211> 137
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963564H1
 <400> 14953

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 agaagatgcc gatcagaaac atcgccgtcg gaaggcctga agaggcgact caccctgaca 120
 cggtgaaggc ggcttttg 137

<210> 14954
 <211> 265
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963566H1
 <400> 14954

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 cacacctcag gctccaaccc atttcacgag ggatcggatt cgctcgccat catggggaag 120
 aagaagaaca gagtttcttc gaaggtgtgg tgtcattact gcgatcgca attcgacgac 180

tgattgtgcc ggagatgcat ttggggaagc accgtgtgga gcagatgagg ttgcttcctc 120
 tcactctcca ggaggaggcg agttccacaa ttccttcaac atttttttgt tttctaatta 180
 actttgactt actttcatta aattaaccac atttacgttt taacaagcac atcttaaact 240
 gtcacattat ctaattgaaa gtggaatcaa aa 272

<210> 14958
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963571H1

<400> 14958

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 ttgaaacct taagtgagaa actctcatcc ggaacagatc aattgtacag gccttcttcg 180
 gaagttcaga atggtgaaca attcaactgc cactggccat tacaatcaag tgattacgat 240
 atgaagcctg tgtttaagga tctagt 266

<210> 14959
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963572H1

<400> 14959

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 gaggcgcgtg ctagtcttgg cgcgtgggtc tgcttgtaa tttaagtaat ttaactctac 180
 tagtactagt actaccagta caggagaaga ataggcaggg tcctagaaaa acaagtgtac 240
 gaaaggctct gaaagtggac acctg 265

<210> 14960
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963573H1

<400> 14960

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gtgtcaaaga agctctcggt gtcacccctt ccgagccac accgaatacc gttctctcac 120
tctcagctct tgactcccaa ctcttcttgc gcttcacat cgagtatctt tttatttaca 180
ggcccgggcc gggcctggac ccaacttcca ccgaggctcg tttaaaagct gcattagcca 240
aagcgcttgt tccttattat ccatt 265

<210> 14961

<211> 264

<212> DNA

<213> Glycine max

<223> Clone ID: 700963574H1

<400> 14961

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cgacgcagat gtctcaaagc aaatccagca gatgggtgcag ttcattccgcc accgaagctg 120
aggaaaaggc caacgagatc tctgtctccg ccgaagagga attcaatatc gagaagctgc 180
agttgggtcga agccgacaag aagaagatca ggcaagaata cgaacgcaa gagcgccaag 240
ttgaaattcg caagaagatt gagt 264

<210> 14962

<211> 259

<212> DNA

<213> Glycine max

<223> Clone ID: 700963575H1

<400> 14962

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ttgcttgttt ttgccaacaa gcaagatctt cctaatacaa tgaatgctgc agaaataact 120
gacaagcttg gacttcattc actccgtcaa cgccactggg atatccagag cacttggtgca 180
acttctggag aggggtctcta tgagggtttg gactggcttt ctaacaacat tgccagcaaa 240
gcatgagaca tttgaaaaa 259

<210> 14963
 <211> 186
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700963576H1

 <400> 14963

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 gctctgttaa gccacactgg acagacacag aggagaacgt tacaacaaca atgatttcca 180
 cacaac 186

<210> 14964
 <211> 266
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700963577H1

 <400> 14964

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 gcaaaatcct tgggaacagt aatatggttt tgccatttca aagctgggaa agaacattca 120
 agtactttca agttcctttg tcaataagca agaccaatac actgtggaag gagtgcagaa 180
 tcttgagac aaagcagtga tgtgtcatag gctaaatttc agaactgcag tattttactg 240
 ccatgaagtc cgtgaaacaa cagctt 266

<210> 14965
 <211> 258
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700963579H1

 <400> 14965

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 aaaggagatt cccgtttcag ttacattcaa ttcaacgatt gaccaaaga gaattcaaaa 120
 aataacattt agatcaccca aattccaata tttctatgaa acaataatta aatctaacga 180

caaccaaacc agtttggtgc cttgaacaat tccaattctc acaattcagc agcatttgag 60
 agtatcaaca tgcagaaccc gaagagggtt gctgcacaat tgctaccaga ctttgtggcc 120
 taaacaagac attgaagagg ggatagatca tagttggtga cattgggttat atgggtctct 180
 catatcttct tctaattcat gtgcttggtt cttgggagta gtgacaaaat cttagtgtaa 240
 agaaagaagg aattttactc tagtatagg 269

<210> 14969
 <211> 99
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963583H1
 <400> 14969

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 gatgggtggc acagttgttg ctgaagtagc cacaagag 99

<210> 14970
 <211> 269
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963584H1
 <400> 14970

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 tttatatttt gtatttttta tggaaatgac aaagataact cataaatttt gggtgacagc 120
 cacaacatac atatcaactt tcttgagttg gcctggatta atcctttgca attttaagat 180
 tttgttggtat tcaactacat gcattttaga attgctacac tttgaaacgc acaatacagt 240
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<210> 14971
 <211> 266
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963586H1
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aaccaaagca cacaagaatg ctttcaagac tctgattgcg gcagagtaca gtggcgtcca 120
agtggaattg gcccctaatt tcgagatggg tgtctctaata agaactcctg aattccttaa 180
aatgaatccc ataggaaagg ttctgtgctt ggaaacgccc gatgggccag tctttgagag 240
caatgccatt gctcgttacg ttgctc 266

<210> 14972
<211> 270
<212> DNA
<213> Glycine max

<223> Clone ID: 700963556H1

<400> 14972

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ttggagatgt ctctgctctc agatctcatc aaccttaacc tctccgatac caccgagaag 120
gtgatcgag agtacatatg gatcggtgga tcaggaatgg acctgaggag caaagcaagg 180
actctcccag gaccagttag cgacccttca gagcttccca agtggaaacta tgatgggttc 240
agcacaggtc aagctcctgg tgaagacagt 270

<210> 14973
<211> 269
<212> DNA
<213> Glycine max

<223> Clone ID: 700963527H1

<400> 14973

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gctcctgttc ttgtcaagtt ggtgtgaatt aggagctgct taattcaaag aatgggggga 120
gatgcacaga agagaaacgt catcattggc gtctctactt tcttggttgg ggccatggtg 180
gtagcagtca cagtcaatgt caacttcaac aacaacggat caagcagtga ttcaaaggaa 240
gaaagcaaat cccatgtagc ttctcgat 269

<210> 14974
<211> 269
<212> DNA

<213> Glycine max

<223> Clone ID: 700963528H1

<400> 14974

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 ttccaccaac ccatcaacag agaatttcca ggggaggagg aggacgtctg gctgggaatg 180
 ggagatctgc tgttgcttca attcettaca caaggatgta cggtgaaatt gatattggaga 240
 cccaaattca tcagcttgag caagaagca 269

<210> 14975

<211> 273

<212> DNA

<213> Glycine max

<223> Clone ID: 700963531H1

<400> 14975

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 agacgagctt ggaacattaa tgaagacctt aaacttggca accaagtctt tgaaaaattg 120
 gatggcgggg aaagaggcaa agctgccacg aatagcactg ctctcaagtg cagaaatagt 180
 tcctgagcca cttggtcttg ttctcataat ctcatcatgg aactttccct ttggactttc 240
 cttggagcca ctgatcggag cagtagctgc tgg 273

<210> 14976

<211> 267

<212> DNA

<213> Glycine max

<223> Clone ID: 700963532H1

<400> 14976

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 accctcaccg gcaagaccat cacccttgag gtggaaagct ctgacaccat cgacaacgtc 120
 aaggccaaga tccaggacaa ggaaggaatc cccccggacc agcaacgtct cattttcgcc 180
 ggaaagcaac ttgaggacgg ccgtaccctt gctgactaca acattcagaa cgagagtact 240

cttcacctcg tctccgtat ccgtggg

267

<210> 14977
<211> 266
<212> DNA
<213> Glycine max

<223> Clone ID: 700963533H1

<400> 14977

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gtgcattggc ttccaaaaag tggagcaggg attcacaatt ttaggagatc ttgtcctaaa 180
agacaagata cttgcacatg acttagctaa tcaacgaatt ggatgggccg attatgattg 240
ttccttgtct gtgaacgtct ctctgg 266

<210> 14978
<211> 257
<212> DNA
<213> Glycine max

<223> Clone ID: 700963534H1

<400> 14978

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ggagaaattt ctgcacgtaa gttatggaaa tgtgattact tatccgcagc atgggcttta 120
gcgaatctct ccgcgggaca gtttgttatg ggagttgaag ataatgtcac cccaagggtca 180
ctgcatgagt tcagtttaga ttcaccatct ggagacattg acttagttaa tagtgggggt 240
tcaaggaaac caaggaa 257

<210> 14979
<211> 107
<212> DNA
<213> Glycine max

<223> Clone ID: 700963536H1

<400> 14979

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attccacact ggcctcattc ctggaatggt tagaaagatg cagattg

107

<210> 14980
<211> 276
<212> DNA
<213> Glycine max

<223> Clone ID: 700963537H1

<400> 14980

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gagatgatac aacctgcatt gtagttgata cattacctca ggagaaacca cctgtttctg 120
cgccacaaac aaagaggcca gtaaagggaa tgctcaagtc catgtttcgt aaaaaatctt 180
ctgaatcatt ttcttatatt gacaaagagt acatggagcc agatgtagta gaagaattgt 240
acgacgaagg atctgccatg ctttcagaga ggtag 276

<210> 14981
<211> 275
<212> DNA
<213> Glycine max

<223> Clone ID: 700963538H1

<400> 14981

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ttgaaccaa cacttcaagt acttgcttct tcataccctt accagatccc aaaggttaca 180
tgaagccatt tctcttttta aatcttccca acaccgagtt caattcttca caagttgact 240
gtaatcactc aatggctcat tcttcttacc cctac 275

<210> 14982
<211> 272
<212> DNA
<213> Glycine max

<223> Clone ID: 700963539H1

<400> 14982

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tctcagcagc cacagteggg gctcgcggac aagctattcc ttctccggca acccgatgtg 120
 caagacattg acaagggttcg ctacaaagag gatgtcttca ctcatgtcaa ggaaaacgat 180
 atgggtccctc tgtacgaaac cctagtcgct gattccgtgt tggacttgga tcgtgcgctt 240
 ttggactcta tgcgcgctaa aattgacgac ga 272

<210> 14983
 <211> 270
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963540H1
 <400> 14983

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 ccatggctgc atccgtctcc actgtcggag ctgtcaacag agctcttttg aacctgaatg 120
 ggtctggacc tggggtttca gctcccagtt catctctctt tgggagcagc ttgaagaagg 180
 ttactggctc aagggtcccc aacacaaaga ctctctctgg aagcttcaag attgttgctg 240
 cacaacagaa caaagagatt gaagacaccc 270

<210> 14984
 <211> 129
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963541H1
 <400> 14984

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 gtacataac 129

<210> 14985
 <211> 267
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963542H1
 <400> 14985

ggaacataag aatattagct tctact

266

<210> 14991
 <211> 271
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963549H1

<400> 14991

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 aagtagtgct ctattggaaa tgatgatatt tcatctaccc tctccatcaa cagcccagaa 180
 gcatcgtgtg gagaacttgt atgaggggtcc tcttgatgat caatatgctt ctgctatcag 240
 aaatttgat cctgaagggtc ctctgatgct c 271

<210> 14992
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963550H1

<400> 14992

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 gttctttacc agaacatgtg gattgatata accccagaac ctggggctct tgttggttaac 180
 attggtgatc ttctacagct tataacaaat gacagattca agagcgtaga acatagagta 240
 caggcaaata tcataggtcc aagaatatct gt 272

<210> 14993
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 <212> DNA
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<223> Clone ID: 700963551H1

<400> 14993

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 taccaacttc agtttcagca acaaccccag attagtccat gatatgaagc tcctaggcag 180
 tgccaagtcc tcaaataaaa aggggtgctct tcaaatacca aatgaatcag aagaagacat 240
 aagacaccaa gctggaagag gcattctattc 270

<210> 14997
 <211> 267
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963526H1
 <400> 14997

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 tccatatccc tcttagttct gtctttacat cagatactag tactgacaag gttcctaattg 180
 cttctccaac agcagcttct gcaagttctg atatgtatgg agcagcgggtt ttggatgcat 240
 gtgagcaaat aatggaacgc atggaac 267

<210> 14998
 <211> 240
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963490H1
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 agttgaataa agctgctgaa ccttggagtc gggaagaaaa ggaccactgt ctggaagaaa 180
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<210> 14999
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963491H1

<400> 14999
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 tgtttcaatg gtggaactag gtaaactcat actaagccac cacccttcac tttccatcac 180
 cattcttttc ctatccccctt cccccaacca agacaccccc acctccccca ccgccttcac 240
 ctgggac 247

<210> 15000
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963492H1

<400> 15000
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 ttggagtctg ctttactcca cactccacaa caaacatcgt ctgcattccc tttcccttct 180
 cttttcaccc cctttttttt tttctctctt cttctttttt ctttttctgg tgggggcacc 240
 tcattt 246

<210> 15001
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963494H1

<400> 15001
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 aacaccattg ggggctggaa acgaagtggg tcgttcatgc gtgtacatgt cctataaggg 120
 taaatccata ttgttcgatt gtggaataca cctaggtttt tcaggcatgt ccgccttgcc 180
 ctatttcgac gagattgacc cttccaccct cgatgttctt ctcactcactc actttcactt 240
 ggatcatgc 249

<210> 15002

<211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963495H1

<400> 15002

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 tttctgaatc tcgcggcgtt gttctttctg ctgctgcggc tgtggttccg gcggcgatgg 180
 gacagcaatc gttgatctac agcttcgctg ctcgaggcac cgttatcctc gcggagtaca 240
 ccgagttca 249

<210> 15003
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963496H1

<400> 15003

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 gttgtaattc gtagagagaa taagcaatca ccaactcctg ctttgaatgg aaacgtaatt 180
 tatccaacat ttagtggaac cggagaaggg gtggatgttg ttacttcaag tgtagaggct 240
 tatcttactg ca 252

<210> 15004
 <211> 280
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963501H1

<400> 15004

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 tccaaggatg ggggaccgat gagaaaaccg ttattgcaat actgggtcat agaaatgttc 120
 atcagaggca acaaatcaga aaggtttatg aggaaattta ccaagaggac ctcattaaac 180

0 2 3 1 1 0 3 0 0

<223> Clone ID: 700963502H1

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<211>	192
<212>	DNA
<213>	Glycine max

<223> Clone ID: 700963504H1

<210>	15007
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<213>	Glycine max

<223> Clone ID: 700963506H1

6747

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73

<210> 15008
<211> 279
<212> DNA
<213> Glycine max

<223> Clone ID: 700963507H1

<400> 15008

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agacaacatt attacctcgt acgctgtcat ctttgacggg ggtagcacag gaacccgtgt 180
gcatgtcttc cattttgacc agaatttggg tctcttccc attggtgata gtcttgagct 240
taataaaaag atcacacccg gtttaagtgc ttacgagga 279

<210> 15009
<211> 276
<212> DNA
<213> Glycine max

<223> Clone ID: 700963509H1

<400> 15009

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caaaagataa aggggactat ggtgggttatg cagaagaatg tgttggtatc acaacagcat 120
caccagtgtt ggagggatcg ttgaccaagg cttaggcttc ataggcagtg cagtcgatgc 180
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tggaagagga aaattagaaa gagtacagat ttaaga 276

<210> 15010
<211> 273
<212> DNA
<213> Glycine max

<223> Clone ID: 700963511H1

<400> 15010

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 tatcaaggac aatgaagaag ctgtcaaggc ttatggaatt cacctgggaa ctgaaatgtg 180
 caaaaagatt ttagctcatg gaattaagac attgcatctt catacactag atatggagaa 240
 atctgcattg gcaatactaa tgaaccttgg cct 273

<210> 15011
 <211> 272
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963512H1
 <400> 15011

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 ttatgtctaa tctcaaattg agactccgct ctgtcacccc cttcgattat cttcattatt 180
 tcattctcaa gcttccttct tctcttctt cccaatcctt gaatcacttt ttctccactt 240
 cctccaacct cattctcagc accactcgtg tg 272

<210> 15012
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963513H1
 <400> 15012

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 tctctctctc atgggttccg atctcgaagc aaaagccaca gaagccttcg tcgaagacca 180
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 attctacgcc gaccgcgccc aagccaacat caa 273

<210> 15013
 <211> 271
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963514H1

<400> 15013

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 tgctttgctt cagctctgtc tgtaatttct tgttttataa taatggagca gatgttcttt 180
 gccacttcaa cattgcatgt ccgcctcatg caatgggatg atgataactt gggttgagcaa 240
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<210> 15014

<211> 274

<212> DNA

<213> Glycine max

<223> Clone ID: 700963515H1

<400> 15014

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 ttgaacttta agccactcaa ggaagcaatc actgatcctg gtgattttct tctgagtgat 180
 ttttcgaagt ttgatcgccc acctctcctt cacttagcat tccaggcttt ggataaattc 240
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<210> 15015

<211> 273

<212> DNA

<213> Glycine max

<223> Clone ID: 700963516H1

<400> 15015

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 tctgaaacct ttggggccta aatacatgtt gataaagcca agtattcgta atgttttgag 180
 aatctagcac ttactgtgcc tgaaatcctc tgaagatcca acttctcggt tccgcttggt 240
 tgatggatct caaaatttat atgaaagagc aag 273

<210> 15016
 <211> 281
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963518H1

<400> 15016

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 cgaaggagga tttgaaggag gtgaccacaca aggtttactt tgatgttgag attaattggaa 180
 aagaagcagg tcgtattgta atgggtcttc atgggaacgc tgttccaaaa actgcagaaa 240
 acttccgagc actttgcaca ggggaaaagg gaactggtaa a 281

<210> 15017
 <211> 275
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963519H1

<400> 15017

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 ggcgttgttg ctcggaacca ttcatttcaa cgtcgcgttg gtgctcttcg caatcttctt 180
 cctctctctc cacaaagcac ttttgctttt cggtttgctt ttcgtgctca tggcaactcc 240
 tgttgacgaa aacagcaaatt tcggtcgaaa actat 275

<210> 15018
 <211> 72
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963520H1

<400> 15018

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 ttcgtcaaga cc 72

<210> 15019
 <211> 279
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963521H1

<400> 15019

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 tctttcaatc cattacatga tgggcatctg aagcttatgg atgttgctac tcgcatttgt 180
 ggtgatgggc atccttgctt tgaaatatcg gcagtcaatg cagacaaacc tccattatca 240
 gtgtctcaga tcaaagatcg catcaagcaa cttgaaaaa 279

<210> 15020
 <211> 276
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963522H1

<400> 15020

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 acgtcaaggc caagatccag gacaaggaag gaattcccc ggatcagcaa cgtctcatct 180
 tcgccgaaa gcagctcgag gacggccgta ccctcgccga ctacaacatc cagaacgagt 240
 caacccttca ccttgtgctt cgtctccgtg gtggca 276

<210> 15021
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963524H1

<400> 15021

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tatttacaaa cttttgtttc ctcactatcg tggacaccat gaacactaat tcacttgccc 180
gcaaatcctt ggtcaatgca gacggtacta tagagaaaac atttttgtgg ggtaggtacg 240
ctttcgaaat gtctgctg 258

<210> 15022
<211> 272
<212> DNA
<213> Glycine max
<223> Clone ID: 700963525H1
<400> 15022

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ttttacttct tcatgccaac aagaatgagc aggcacgaga acttgtttct gcattaccag 120
acatgtttcc agaaagtgtc ataccaatat ttctgcaagc tgccctcttg gttagagaga 180
acaaagctgg aagggctgag gaaatactag cacagtttgc tagtaagttc cctgataagt 240
ccaaagttgt tcacttagcc cgggctcagg ta 272

<210> 15023
<211> 244
<212> DNA
<213> Glycine max
<223> Clone ID: 700963489H1
<400> 15023

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gcatcatctt ttagggaaga atggatcatc aagggcatag ccagaacca tctatggggg 120
ttgttggtag tggagctcaa ttagcatatg gttctaacc atatcagcca ggccaaataa 180
ctgggccacc ggggtctgtt gtgacatcag ttgggaccat tcaatccacc ggtcaacctg 240
ctgg 244

<210> 15024
<211> 252
<212> DNA
<213> Glycine max
<223> Clone ID: 700963444H1

<400> 15024

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 tgttcgtgga ttcatgcaag cgcttgcgta taatgaaagg atctgaggca atcgggctag 120
 caccaagagc agtggaaaag tgcaagaaca gaagctagag tcaaatttgt aaattccact 180
 ttogacaaca atctgctcta tctgttgctc ttgggcgtcc acggaaagca ttaatgctaa 240
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<210> 15025

<211> 254

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700963446H1

<400> 15025

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 aaacatcggc acaatcgcca tgcanatgca gcttctccac aacgaccgag acatnatctt 180
 cgancgnacc gacttcggac tctccaacct aacctcccg agannnanat gccgcaacaa 240
 cccaaacgag ttgg 254

<210> 15026

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700963449H1

<400> 15026

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 atcaattcct catcgttgca attcttcctt ctctagattc tcattcttcc tctcttctat 120
 ctcttcaga aaaaaaaaaa caaaaaaacc acagcttcat attatatatc tagctcttca 180
 ttttctcttg ttcaatcaag gttatgcttt aaaattctga aactcacagt ttcaggcaaa 240
 ttttagccta aagatctgtg g 261

<210> 15027
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963452H1

<400> 15027

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 ctacgagtat gtcctaaag gatcccttca cgatattcta catggacgca aaggtgtcaa 120
 ggggtgcacaa cctgggtccag ttctctcatg ggctcagaga gttaaaattg ctgttggagc 180
 agccagggga cttgaatatc ttcatgaaaa ggcagagatt catatcatcc atcgttacat 240
 taagtctagt aac 253

<210> 15028
 <211> 119
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963455H1

<400> 15028

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 gttattgtta ccaaagttat actttgatat aatgatgcga ttttcgtctg tggttgctc 119

<210> 15029
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963456H1

<400> 15029

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 tgcgtcgcca agagagtttg tgattttcat cttgcgaacg ccttgcggat ctgtgatcgg 120
 aatacaggat cgtttcaatg gctgggagta acgagcttaa cccaacgat tctaagatgg 180
 tggttccgct gaatatgtgg gttctgatct caaatttcaa gttggcatac aatcttctcc 240
 gtcgccctga 250

<210> 15030
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963457H1

<400> 15030

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 agaccttcaa cttgccatcc agagattcca tgagctttgc cataagtgtg tgcaagtcaa 180
 cattcctttg ttggttgatg cagaacacac ttctgttcaa cctgctattg actacttcac 240
 atactcctct gcc 253

<210> 15031
 <211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963458H1

<400> 15031

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 attagcaaga tcataaattt tcattcatat acacaattta catatcgtaa caagatcaca 180
 tttgttttgt tttgtgttgt ttgtgttgtt gttgtgttgt tgatctcata ataacaacat 240
 ggagg 245

<210> 15032
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963459H1

<400> 15032

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 agggaacccc ccacgttaga tccgatgcct ccgatcatcg ttacaaggac ggagactccg 120
 ttcctcttta cgccaacaaa gtcggtcctt ttcacaaccc cagtgaacg tatcggtact 180

ttgacctgcc attctgtgta acaggtcatg agaaagataa gactgaagcc ctcggtgagg 240
tggttaaatgg 250

<210> 15033
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700963460H1

<400> 15033

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cgattttgaa aaaatcggtg cattggcaag ggcgttgctc tggcgaatct atccggatat 120
atctaaccgt agacgggtgcg ttgagaccaa tgcgtgtatt ggagtctgac tccatagctt 180
cgggtgaaaat gaggattcaa gcatgcaaag gaatcgagg gaagaagcac aagctgggtc 240
atggtggca 249

<210> 15034
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700963461H1

<400> 15034

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cgggtaaacy gcgggagtaa ctatgactct cttaaggtag ccaaatgcct cgtcatctaa 120
ttagtgacgc gcatgaatgg attaacgaga ttcccactgt ccctgtctac tatccagcga 180
aaccacagcc aagggaacgg gcttggcgga atcagcgggg aaagaagacc ctgttgagct 240
tgactctagt ccg 253

<210> 15035
<211> 255
<212> DNA
<213> Glycine max

<223> Clone ID: 700963464H1

<400> 15035

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aattgaagaa gatgccgatc agaaacatcg ccgtcggaag gcctgaagag gcgactcacc 120
ccgacacgtt gaaggcggct ttggctgagt tcatctcaac cttcatcttc gtgttcgccg 180
gctcaggctc cggcatcgcc tacaacaagc taccgacaa cggcgctgcc acccctgccg 240
gcctcatctc cgcct 255

<210> 15036
<211> 256
<212> DNA
<213> Glycine max

<223> Clone ID: 700963465H1

<400> 15036

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gggatagaga ttgttttgt gtgagtgagt atggctggaa aaggcgaggg tctgctatc 120
ggaatcgatt tgggttcgac gtactcttgc gtcggcgtgt ggcaacacga tcgtgttgaa 180
atcatagcca acgatcaggg taacagaact acccatcct acgtggcttt caccgacaca 240
gaacggttga tcggcg 256

<210> 15037
<211> 255
<212> DNA
<213> Glycine max

<223> Clone ID: 700963466H1

<400> 15037

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gtgataacga ggccaggagg tcccgaagt ctccaacttg aggaagtgga agatccccta 120
gtcggagacg acgagcttct catcgagtc caccgcaact cccttaacag agccgatacc 180
tttcagagga aaggctccta ccctccccct aaggcgccca gcgttacctc ggtctcgaat 240
gttccggaac tgtcc 255

<210> 15038
<211> 251

<212> DNA
 <213> Glycine max

<223> Clone ID: 700963469H1

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 ggacggattg ggaacggggcc ctctgggggccc tcttccccgg gcgtcgaaca gtcaactcag 180
 aactggtacg gacaagggga atccgactgt ttaattaaaa caaagcattg cgatggaccc 240
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<210> 15039
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963470H1

<400> 15039

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 catgcctaatt tttaattggt ttacatatat gatcacttta ttactagcca aattaataga 180
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 gatgtctgca c 251

<210> 15040
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963471H1

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 gagttcttcc cccccaagac tgaggatggg gtggacaatc tgtttgagag gatggaccgc 180
 atggtggctc acaaccctc tttttgcgac atcaattggg gcgctggagg gacaacggct 240

gatcttacat

250

<210> 15041
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700963472H1

<400> 15041

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gcgccaacgc aagcgaggag gaacaggtca taggcccggg cccggcccct cgtgcccggc 180
ccaagcgacc ccttcagttc gagcacgcct acctcgacgc cttaccctct gccaacatgt 240
acgagaaaa 249

<210> 15042
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700963474H1

<400> 15042

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gttcatgaac caaatgagct gaatttgagc tcgttaaata aatgacccaa acttgagctg 120
ctaatagttc aactcatttg attcatgaat tggctcaata tatatatata tataattgat 180
tgggtattct attattttat atatatctag ggcagggtag tttttattta tgcagacttt 240
ggttata 247

<210> 15043
<211> 248
<212> DNA
<213> Glycine max

<223> Clone ID: 700963477H1

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caaaggctac ctcgtactct tcttcctatg gttcatatca accattctga tacgttccat 120
 cttcaagaaa ccacagcgtc taagactccc accgggtcct ccaatttcaa tacccttgct 180
 gggacacgcg ccatatctcc gttcactgct ccaccaagca ttgtacaagc tatcactgcg 240
 ctatggac 248

<210> 15044
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963481H1

<400> 15044

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 ggtccgatgg ctaccagcag ctcgtcttct tcaccagcgc atccgacccg gattcgaact 180
 cgaaccggtt tgtttccacg tccccgaata acgccaagtc cttcaacgtc tccgccctaa 240
 ttgagaacaa cac 253

<210> 15045
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963482H1

<400> 15045

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 cgcgctgaca cttctttgcc ggagagtctc accagaatcc ggtgccggaa acctctctcc 180
 gtccgatgct ccggcgattc cacttccggc tctgtgggtt cggagtccga tccgaagggtg 240
 tttcggaaga ac 252

<210> 15046
 <211> 250
 <212> DNA
 <213> Glycine max

[illegible]

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tcgtaagtct	gctccggcta	ccggcggcgt	gaagaagccg	cacagattcc	gtccgggaac	180
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<210> 15047

<211> 139

<212> DNA

<213> Glycine max

<223> Clone ID: 700963485H1

<400>	15047
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<210> 15048

<211> 247

<212> DNA

<213> Glycine max

<223> Clone ID: 700963488H1

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cctcttttctt ctttttctcc tctgatctca tttcaaact aaccctaacc acaacagagg	120
aagatgttga cgaaattcga gacgaagagt aacagagtga agggcctgag tttccaccg	180
aagcggcaac taaagctggc gagtctccac agcggcgctc tccagctctg ggactaccgc	240
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<210> 15049

<211> 256

<212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <223> Clone ID: 700963443H1

 <400> 15049

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 aaactacgag agttacgtcg tcgttttgaa gctcaagccg ccgcacgtac acgaaaacgt 120
 cgcgtcgtgc tccaattgac ctcatcgccg tgctcgacgt cgggtggcgcc atgtccggca 180
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 atcgtctttc catcgt 256

 <210> 15050
 <211> 257
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700963407H1

 <400> 15050

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 atctttcacg tattgggttc ttctcttttc cctcttcgtc tccgatcgat ccaattctct 180
 tcccatggct acgatcggac acaacaatct caatgccaaa ttggttcttc tcggggacat 240
 ggggtgctggg aaatcca 257

 <210> 15051
 <211> 261
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700963408H1

 <400> 15051

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 tttcccttct ctccctccct cttctcttat tctcattggt tagttaccta ccgtggatca 180

aagtcaattc cctatctcgc ttctttttgt agttgatttc ttttgggttt cgcagtcctc 240
ccaaaagggt tgtttttatt t 261

<210> 15052
<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700963409H1

<400> 15052

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gtagctctgc tcgtctttct tggcatcttc gtttggactt tggccgaata cacattgcac 180
cgtttctctt tccatgtcaa aaccaagagc tactggggaa ataccttgca ttatcttctc 240
catggctgcc accacaag 258

<210> 15053
<211> 256
<212> DNA
<213> Glycine max

<223> Clone ID: 700963410H1

<400> 15053

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actgcagctt gccccagtat tcttcacatt ttcacttggg aaaaaactc attattttgg 120
aagaacatta cttcatggag gtgcgaaata tagaccact ggtcgaggat ttgtggtttt 180
ccatgctaaa tttgctgaca actatagact ttactctcgt agccactttg tcaagggtat 240
tgagctcatg atatta 256

<210> 15054
<211> 257
<212> DNA
<213> Glycine max

<223> Clone ID: 700963411H1

<400> 15054

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 caagaaagag cctcagtttt tgttcctcc tgaaggtaat ttccattttc ctggctttgg 180
 gggagtaggg ttgccacctt tctttgggtt tacacctcaa aacccaaaca ctggtggtag 240
 tggactaggg tcaggac 257

<210> 15055
 <211> 260
 <212> DNA
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<223> Clone ID: 700963414H1

<400> 15055

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 tgcttcttca cccggatacc ccttaaaaga tgatatagac ccttcaacat attctttcac 180
 aactgctctt aaagcattgc aagcaagggc aggctataac aggtgggggat gcttatctcc 240
 agatgggttt gctttaaatt 260

<210> 15056
 <211> 271
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963416H1

<400> 15056

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 gcatgaccac actctcctcc aaaattgtga atcgctgcaa gcgtagcttg gctgagattg 180
 ctgttaaggc tggtcttgct gttgctgatc tggcgaggaa ggatgttaat ttggatctga 240
 ttaaagtgga agggaaagtt gggggtaaatt t 271

<210> 15057
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 <212> DNA

<213> Glycine max

<223> Clone ID: 700963418H1

<400> 15057

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cattgggtgg tttgaggagg cggggggcag gaaacttggg gaagttggat ttgaatgtgg 180
agtttagcaa tgaggtggag gaggcctccc gtggagtga caaccgcgaa gggaatgctg 240
ctggacatgc tgaggataa 259

<210> 15058

<211> 258

<212> DNA

<213> Glycine max

<223> Clone ID: 700963419H1

<400> 15058

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gttaccggag gagccggtta tatcggtagc cacaccgtcc ttcagcttct cctcagcggt 120
taccatgtct tcgccgtcga caacttcgac aattcttccg aaaccgccat caacagagtc 180
aaggaactcg ccggagaatt cgcaaataac ctttcctttt ccaagctaga cttgcggggac 240
agagctgccc tcgagaaa 258

<210> 15059

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700963420H1

<400> 15059

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aagatcataa atccaaattc agaagatgcc aaatatgtta tcaatgtgaa gcagattgca 180
aagtttgtcg ttgggctggg tgataaagtt tcacctaccg acattgagga agggatgcgt 240

gttggggttg atagaa

256

<210> 15060
<211> 255
<212> DNA
<213> Glycine max

<223> Clone ID: 700963421H1

<400> 15060

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gtgggaggca cacgcacaaa cgcagagtca gaatctccaa tttcaatcg gagacaaagc 120
tagctcgaac gaacgaagta gagtagtgtg ctacgaaaaa tgtggcgggtg catcgcacgt 180
ggctctccgtg gacctgcttc caccagatcc acctgacatc actcacttgg atctcaactt 240
tctagattct tctct 255

<210> 15061
<211> 245
<212> DNA
<213> Glycine max

<223> Clone ID: 700963424H1

<400> 15061

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gccattggta atcgattaca tcctctggta atcgattacg agagagtaaa tctcttgaaa 180
aagacatttt tacttaaatt tcttggccaa accttttgca gtttcaattt gggattccct 240
tccta 245

<210> 15062
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700963425H1

<400> 15062

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 aacctttctct cttcgatggc attccaaaca aagacttatt cgatggaact agtcttcggt 180
 tcaagtctgt gtcaacaggg aaatatctat gtgccaagtc tggaggggga aatgtcctac 240
 ttgcgaacgg caca 254

<210> 15063
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963426H1

<400> 15063

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 tataacgcac agcctcacca cttcactctc ttctttcttc tctgctttct tagctccctc 180
 ttcttcaat tccagaggac aggtttcgtt gcctgtgaag agcgtgagca tttgcaaagt 240
 cgttgccaca cccgaa 256

<210> 15064
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963427H1

<400> 15064

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 gtacaacttt ttttcttttt tctttttaca taattttcat tgtagagttt agaacaacag 120
 aaactagaaa caaaatagtt tatcttgtca aaaagacagt tagaagaaaa aaaaaataga 180
 atttggaatt cttttgttc 199

<210> 15065
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963430H1

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 atcaatgcac ctgtttttgg tgggtcttgt tcgtcttcaa ctggaaacta ttacctactt 180
 tggtagacac aaatattatc tctaaagctt gtttacaatg ctcctttaat cttattgata 240
 caatatatgc aacaagg 257

<210> 15066
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963431H1

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 gaagcagggc gacatgctgc tcgtgggtccc cgagggggcc tacgcggtgc gcctcgggaa 180
 cgaggcctcc atcaagcaga ggatcaaggt gatcaaggcc atgtactact ccatcacctt 240
 catggtggcc cgcacctgc 259

<210> 15067
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963432H1

<400> 15067
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 ttttttaaaa agcatagatt ctatatcttg tgttttgtaa ttttgtatct tttgtctcag 180
 ttgacactaa gcagaccttg tgtttcaatt ttgactagag agttgtttta attgaagatt 240
 taaatgatca tggttaaatt t 261

<210> 15068

<211> 129
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963433H1

<400> 15068

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 agtcataaca agaagaagaa aaagaagaaa aaaaaacact tcccagagtt caaagacctc 120
 aaattccac 129

<210> 15069
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963434H1

<400> 15069

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 ggttttgaat ccagaacatt acctcatgca ttatggtttc cttgatgggtg ctgacaatgt 120
 ggtgcattgg cttccaaaaa gtggagcagg gattcacaat ttacgagat cttgtcctaa 180
 aagataagat atatgtatat gacttagcta atcaacgaat tggatgggcc gattatgatt 240
 gtaccttgct tgtgaacg 258

<210> 15070
 <211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963435H1

<400> 15070

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 aaggaaccat tgaccttgca attcgtact acttgattgc catacagctc cgtccccatt 120
 ctgctgatgc atggtcaaatt ctagctagtgc catacatgcg taaaggaaga ctactgaag 180
 cagcccagtg ttgtcgtcac ccacttgcta taaatcctct aatggttgat gcccatacca 240
 acttgggtaa tcttatg 257

[illegible]

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<212>	DNA
<213>	Glycine max

<400> 15072

<210>	15073
<211>	250
<212>	DNA
<213>	Glycine max

<400>	15073
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6771

002200"ETFE560

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gtacatggcg 250

<210> 15074
<211> 267
<212> DNA
<213> Glycine max

<223> Clone ID: 700963402H1

<400> 15074

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ctgacccaga aaagaagggt caacagggtac ctaagagagg ggatagaaag aaaaaaatag 180
aaactgtacg tataaaagaa gaaagaaaca aagatataag gaaaaaggga aaatattttg 240
aataaggaag atataaggca atatata 267

<210> 15075
<211> 264
<212> DNA
<213> Glycine max

<223> Clone ID: 700963368H1

<400> 15075

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ttgaatacat tgatttatac aatatttatg ctccactatg caagaatgca aatctcacag 120
ccctgcccac aaggaacaca attgtgactg atccatgtag tgagaattat gtgtacgcat 180
atcttaatag aaaagatggt caagaggctc tccatgcaa tgtaaccaac ctcaaactg 240
actgggaacc tgcagcgatg tcat 264

<210> 15076
<211> 98
<212> DNA
<213> Glycine max

<223> Clone ID: 700963369H1

<400> 15076

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tcatcaaagc cctcttcttt ctccggcaaa gtccaccc 98

<210> 15077

<211> 265

<212> DNA

<213> Glycine max

<223> Clone ID: 700963370H1

<400> 15077

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cctctccatt tgcatecttg ctttcatcaa tgaaggctct tcttccctct caagtgcatt 120
catgaacgag ccatgggtcat ggggcataag cattcccat agtttgtagc tgaaatttgc 180
acttgagatc cacactcacc ttggaatctg tgttgggggt ggagtaccct ctttgggtcta 240
ttgggggtgca cacgtggtgc cattg 265

<210> 15078

<211> 262

<212> DNA

<213> Glycine max

<223> Clone ID: 700963371H1

<400> 15078

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aagaagacgc tgaggctctc agaaaggctt ttgaaggatg ggggactgat gagaaaactg 120
tcatagtaat attgggtcat agaactgttt atcagaggca gcaaatacaga agagtctatg 180
aggaaatttt ccaggaggat cttgtgaaac gcctagagtc tgagatcgtc ggagactttg 240
agaaaccgtg taccgatgga ta 262

<210> 15079

<211> 263

<212> DNA

<213> Glycine max

<223> Clone ID: 700963372H1

<400> 15079

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 atcagcagcc actggcagtg gtagtggttag tggcagtggt ggtgggttaca acactgttca 180
 gccatcacca cctactaccg atcaggttca agcatcagca cagactccag aaaaccgaaa 240
 agcttctcct acagtgcaga aga 263

<210> 15080

<211> 260

<212> DNA

<213> Glycine max

<223> Clone ID: 700963373H1

<400> 15080

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 gcattccctc agcattcatt gctttttcat tcctcatgac ttttgctcag tgttcaattt 180
 ccaacatggt tcaacataga aaccatgatg atttcgcaac tgtggcaggt gttgtggtac 240
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<210> 15081

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700963374H1

<400> 15081

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 gaaaggacta tgaatctgaa ggctgttctt cttctctgaa tgatgataaa ggcaagagag 180
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 acagtgaaag aggtg 255

<210> 15082
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963375H1

<400> 15082

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 cagaaactac gttcccactt gggcttttga tcacatcaaa tacttcaatg gaggttctga 180
 gattcaactt catcttgaca agtacactgg tactggcatc cagtccaaag ggtcatactt 240
 gtttggtcac ttcagc 256

<210> 15083
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963376H1

<400> 15083

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 acaatgccaa agactgttgg cttgtcattc atggcaaggt ttataatgtg acaaagttct 180
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 gatatttg 247

<210> 15084
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 <212> DNA
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<223> Clone ID: 700963377H1

<400> 15084

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 aag 123

<210> 15085
 <211> 151
 <212> DNA
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<223> Clone ID: 700963378H1

<400> 15085

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 cagctcagtt atcctctacc ttttatgcc a 151

<210> 15086
 <211> 129
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963379H1

<400> 15086

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 catcctcta 129

<210> 15087
 <211> 189
 <212> DNA
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<223> Clone ID: 700963380H1

<400> 15087

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 ttgaaaccct taagtgagaa actctcatcc ggaacagatc aattgtacag gccttcttcg 180
 gaagttcag 189

<210> 15088
 <211> 268

<212> DNA
 <213> Glycine max

<223> Clone ID: 700963381H1

<400> 15088

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 ctacttcttc ctctctcttg ctcgcagaac cctgaagctc cagaagcccc ttttcgaatt 180
 aattcgcttc tctcatatct aaattcattg attcttgctg tggacatggt ggaggggtcca 240
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<210> 15089
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 <212> DNA
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<223> Clone ID: 700963382H1

<400> 15089

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 tacaacggcg gtgtcggttct cggagccgac tctcgaacca gcactggagt gtatgttgcc 180
 aaccgagcat cggccaaatt caaacgggta attgttattg ttaacgtgtg tcgctctgga 240
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<210> 15090
 <211> 266
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963383H1

<400> 15090

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 catgctgagc atatcatcta attcacttgt agcaatggct tctcaacttt ctgaggcaga 180
 agaaagagaa cgagccttct ctaatcgtgg acgctggaat cagttgctgct ctatgggaga 240

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266

<210> 15091
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963384H1

<400> 15091

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 gaaacaaaag aaaaaaataa aataaaaata aaaggaccac atggattatg aaaacaacag 180
 ttgaatttgg gaggggggtac tcttataccc gcgtgtgtgt ggtggactag tggatacagc 240
 atccgggctg 250

<210> 15092
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963386H1

<400> 15092

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 tcatgccctc aggctgaaga catcatcaca gaacaagtca agcttctcta caagcgccac 180
 aagaacactg ctttctcctg gctcaggaac atcttccatg actgtgctgt tcagagttgt 240
 gatgcttcac tgttgctgga 260

<210> 15093
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963387H1

<400> 15093

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002220"CTT560

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gcagaagttg aagacataga caaccctcat caccgaccacc atcattacct ttcttcttct 180
acaacacaac ctcaagggat aatttccccg cgatatctgt aaagaacctt cgtgggagtg 240
aacaacaaca gcaataaa 258

<210> 15094
<211> 95
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700963388H1

<400> 15094

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gngcgatatt gttatcggtt aatgtgtgca caact 95

<210> 15095
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700963390H1

<400> 15095

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gttcttctct tagatagtgc ttcctattct ttgagacctt cacttggggc tggttttggt 120
accataacca ttgcaagtgt gaggctaggt cctacaagag tttgagtttg aaggaggagt 180
gggagtggtta gtgtaagatc tagtttagaa ctgcggggcc cacagtcaca gtgggacagg 240
tcactgaggt 250

<210> 15096
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700963391H1

<400> 15096

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ctctgctctc tgacttgctt gcatactctc tctgttcttt ctgttcacaa agatttgtaa 120
atztatatatt atcataccat atatactata taatatattg tatgctccac ttgtttaaac 180
ctgtgtcgca tactctggac cataacatcg tggggctgat gtctagagca ttggggcatg 240
agtacat 247

<210> 15097
<211> 255
<212> DNA
<213> Glycine max

<223> Clone ID: 700963392H1

<400> 15097

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caatcctcat atcaggaagg atttgccgtt gacctggact aatgtctatg aggaggccac 120
taattcatct gtatcattag agacttcaag taaagatgag actggtcagt ttttggatcc 180
aaagaaggta cacattcaaa ggaacctaat gcaagtgaag gaaaattcaa agagttcatt 240
tgtggtgggg gagcc 255

<210> 15098
<211> 244
<212> DNA
<213> Glycine max

<223> Clone ID: 700963394H1

<400> 15098

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cttcttctgc tttaagctat ggcctctaac ttcagcttga gaactttgat gatatttgcc 120
cttgcatatt ctctcgccct gcaaggcact cttggaggga tagaatgtga gagtctgagc 180
catgacacat gctcattcgc cgtgacatct gctggcaaac gatgtgtgct tgagaagcag 240
gtga 244

<210> 15099
<211> 194
<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700963395H1

<400> 15099

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atgcagaaag caggttacgg tggcgatgga atatacaggt ctctaaggcc ttgtttggtt 120
ctcccaaagt accccaacct ctccctcgtc tcattcctct tccaaagcgt ttcctctttc 180
caatccaaaa tcgc 194

<210> 15100

<211> 190

<212> DNA

<213> Glycine max

<223> Clone ID: 700963396H1

<400> 15100

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ttttcagatc cgagattgag ctcttttacc catcatcatc atggagctcc tcgggtacct 120
gaatcagggt cacccttcta gaggaacaac acttggtatt actctttcat tgggtgctttc 180
gacacttgtg 190

<210> 15101

<211> 248

<212> DNA

<213> Glycine max

<223> Clone ID: 700963366H1

<400> 15101

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atgctttccg aatgtcaagt agatgaaaat cagctgacta atgctgctaa aatgccagct 120
tgtacagaaa gagctaccac aaggcatatt ggtcaagtaa aggtactcgt ggctcacaac 180
attctaatac ttctcctgct gctaatacatt accagtttaa tcgtgtggct gctccacctc 240
ttgagagc 248

<210> 15102
 <211> 269
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963401H1

<400> 15102

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 aatttcggtt ggactcgccg caaccttgct cttgttggca tcttcggcat cgctattccc 120
 gtcctcgtct acaagggcat cgtccttgaa ttccatatgc aagatgaaga taatggtcgg 180
 ccgtacagga agttcatgtg agagagtatg gagagtcttt tgtaataatt cgtcaagtta 240
 gaccttgata ttatgaggct acaaaccat 269

<210> 15103
 <211> 133
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963332H1

<400> 15103

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 aaagacacag ttgcggttct cgacactgga gctgctgggt gaattgggta cgaagttggc 120
 cccaagattg aaa 133

<210> 15104
 <211> 216
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963334H1

<400> 15104

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 ggtcgaagat taaagaaatg gaagtgtctg ggatgaggga gttattgaca ctttgggtcaa 120
 cgttgcaa at taacaacgtt gccctagtgg ggggaaacca caccgccgcc agattttgca 180
 ctcgctaagt ccccggtgtt cttccccccc tttccc 216

<210> 15105
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963336H1

<400> 15105

gagaaattac tcactcgtgg caggaaagta ctttctgaca tttcaaactc tgggaagcca 60
 caggttcctg agataaaaaa taagaagacc ctgaaaccaa tagaggagtc tcttcccccc 120
 agtgcaattg ccgaagaaca aatcttgacac gatcataaga aatgcatcca ttcacagttt 180
 gaaactgcat atggcatcaa tttttcaaga ctgttggtgact tgacgatggt acatttatat 240
 attctatgtg gtgcattttt ttgg 264

<210> 15106
 <211> 100
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963337H1

<400> 15106

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 acatttccat tgttaccagt ctttctttcc acaaaacata 100

<210> 15107
 <211> 269
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963338H1

<400> 15107

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 agcattggca aagtcgttga ataaaattct ggagcctgta agggaaact ttaggaagga 120
 cagcaatgct aaagagctat tgaaaagggt caaggcttac agagtcaagt aatatgctga 180
 ttaaggactt caggctaata tctattcttt gccaatcagc catagaattt tcacgttgag 240
 attatgcact tgtggacttg taaaatgtg 269

<210> 15108
<211> 265
<212> DNA
<213> Glycine max

<223> Clone ID: 700963339H1

<400> 15108

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gatgtggcct cttttgatgt tatctttgtc tctaataaaa ccacgatttc atgccacgtg 120
gcctgtgtta tttggttatg gtggatcagt tatgaactta tttagggttt aattatggta 180
aaacattggt tttcttaatt tctcttgatt cctgatcttt ggctttatgg tggagtttgc 240
actttgcggc atgcatgcat ttgaa 265

<210> 15109
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700963340H1

<400> 15109

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ttccgtatgc atgttccac cgtctaaaaa acctagcaaa gcaacaaaac ggcgtcatgc 120
ttgggaagta gcatgcaatt gtaaccctag aaataggagg gacattctga tcggccttgg 180
aggactctat ggtgctacaa caagtctcac aagtaacaac actgggttctg caatgggtgc 240
ttcattgtcg cctccagatc ca 262

<210> 15110
<211> 263
<212> DNA
<213> Glycine max

<223> Clone ID: 700963341H1

<400> 15110

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atggacaaca acaatgactt ttggaaattc agtgaccagt tgaggcttga atctggtttg 120
gccaatctgt ctctgaatga ttattccatt tggagcaaca gctacagctc caagaggcct 180

gtggattgat gatagtcata gcattaatat tgggaaggct gtaccagtgc accctcaaaa 60
gccagaggaa cccagaaagc catccaagaa gagggctagg ccgggggaga gtactcgacc 120
gcggccaaaa gatcgtcagc agatccaaga ctgtatcaaa gagttgagac gaattatccc 180
caatgatgga aagtgtagca ttgatccttg gtagaccgga accatcagat acatgctttt 240
cttaciaaagt gtcctcaagt at 262

<210> 15114
<211> 172
<212> DNA
<213> Glycine max
<223> Clone ID: 700963346H1
<400> 15114

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tgtggaggaa gaagaaggaa tcggcggtgt tcaactgacg atcgcatctc aaagtttggg 120
cacgatcgtt gctttgctta ttcgacattt tttcccttt tggtttttct ga 172

<210> 15115
<211> 141
<212> DNA
<213> Glycine max
<223> Clone ID: 700963347H1
<400> 15115

ctttctcgca ttttccctct tctttctctc tcacgttttc cgcttcagtt ttctcgggaa 60
aatcatggtg aaaggccag gcctctactc tgacattggc aagagagctc gcgatcttct 120
gtccaaggat tatcagaatg a 141

<210> 15116
<211> 226
<212> DNA
<213> Glycine max
<223> Clone ID: 700963348H1
<400> 15116

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atgggattga cctcacaact cctcctttct ttgttcatca gtacccttct tcttcttctt 60
 cctcttctcc tttcacaatc taaccagttt tgtgacgctg gaacttcac ccaagctgttg 120
 atcaagggcg gcaccgttgt gaatgctcac caccaacagg ttgccgatgt ctatgtcgaa 180
 gatggtatca ttgttgccat caatcccact attacggttg gagatgaggt gacggtcata 240
 gatgccactg gcaagtttgt catgccaggg 270

<210> 15120
 <211> 270
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963352H1

<400> 15120

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 ctaatggcca ctattgtgtt catgtacaca atctttgagc gcttcttccc tccacacttg 120
 cgtgaaaaac ttcaagccta tactcaaaaa ctcaccaacc atttcaaccc ttacatccaa 180
 ttaggcttcc ctgagttctc aggggaacga ctgaagaaga gtgaagcata cacagccatc 240
 caaacctacc tgagtgcaaa ctcaccccag 270

<210> 15121
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963354H1

<400> 15121

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 gctcatcttt agaaccatt cttcgtagag ttgtcagtga agaagtggag cgtgcttttg 120
 caaagttagg tcctgcaaga cttagtggaa ggtctctctc taaaatgatt gaaggccctg 180
 atggtagaag cttacagctg aaatttaggt cccggctgtc tcttccccta ttcacaggag 240
 gaatagtgga aggcgaccag ggg 263

<210> 15122
 <211> 150

<212> DNA
 <213> Glycine max

<223> Clone ID: 700963355H1

<400> 15122

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 gcagagtacc agcaatatca ggatgctact gctgatgagg atgagtacga tgatgaggtt 120
 gaggaggggg agcatgcttt cgaggacccg 150

<210> 15123
 <211> 120
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963356H1

<400> 15123

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 cccgagagac agccgattgg gacggcggcg cagagccaag acgacggcaa ggactaccag 120

<210> 15124
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963357H1

<400> 15124

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 ggaattgtct ttcattgtgt aagactgatg acgaagttgt tatcaccttc agcaccacca 120
 tgtccatgtc taagggttcc aattccaaat ccaaccgtaa aatatcgata tgcatacagt 180
 cacagagggc aattgcgtgt tcgatgcagt gatatatgta tgaagagaag gagaaggaga 240
 agaagaagaa gaaggaaaag cg 262

<210> 15125
 <211> 107
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963358H1

<400> 15125
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 ccatatggac aagctctgtt tcaactactg ttctgttgga tactgcc 107

<210> 15126
 <211> 206
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963359H1

<400> 15126
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 tgttggtgaa gggtaggtga gagaaacgaa aggggtgtgt gttgggttga ataggtatag 120
 ataggatcaa tgagcaacaa caacgcagga aaggtgtgtgt gtgtgacggg tgcttctggt 180
 ttcatagctt catggatcgt caaatt 206

<210> 15127
 <211> 221
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963331H1

<400> 15127
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 ttggtagcat ggcaatgcc a tgcgtacgat atgtccctc tccgaatgaa cactggctat 120
 ggtgcccgt a ctccggaggt gaaatgccga aatttgagg cttgctgtgg aagcacacaa 180
 catctttggc tttgagacca ttcctgaaga ttgcgttgaa g 221

<210> 15128
 <211> 78
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963360H1

<400> 15128
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agagattcca aactttac

78

<210> 15129
<211> 257
<212> DNA
<213> Glycine max

<223> Clone ID: 700963361H1

<400> 15129

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gtgctgttct cttcttcttg tgtgaagcca aagccacaac aacaaccatt ggaacaaccc 120
aacaacaaca acatagttaa caacaacaac cttggtaata ataataacaa ccatggagag 180
caccgaagac tcatccacga gttcacaaca acaacaaccg aacctgccac ccgggtttcg 240
gttccacccc acggacg 257

<210> 15130
<211> 153
<212> DNA
<213> Glycine max

<223> Clone ID: 700963362H1

<400> 15130

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tctaacaaca ccacctttcc cttcccccaa caacctcaat tactctcttt cgctaaacct 120
ctcaaactca tgtctcaacc tttgaccacc aat 153

<210> 15131
<211> 218
<212> DNA
<213> Glycine max

<223> Clone ID: 700963363H1

<400> 15131

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caaagttatc caagatcttg tccttagatt gcgacacgtg gaaagcgggtg aagtggaaat 120
ccaattgcaa tggattaatc ttcctggctc caagggttta tgattcctta accatatgca 180

tgcattcaac tttcaagcag gggtagggttt tatatatc

218

<210> 15132
<211> 141
<212> DNA
<213> Glycine max

<223> Clone ID: 700963364H1

<400> 15132

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aatcatggg gaaaggtcca ggcctctact ctgacattgg caagagagct cgcgatcttc 120

tgttcaagga ttatcagatt g 141

<210> 15133
<211> 286
<212> DNA
<213> Glycine max

<223> Clone ID: 700963303H1

<400> 15133

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caggtgtgtc gacgctggta cgagctcgac tcgctcacc gcaagcacgt caccatcgcg 180

ctctgctaca ccaccaccg ggcctgctcg cggcggcggtt tcgcgcacatc agtggtgcaa 240

attctaagg gaaacctcga ggcgcaatgt tcaacttgat acccga 286

<210> 15134
<211> 234
<212> DNA
<213> Glycine max

<223> Clone ID: 700963304H1

<400> 15134

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ctgggtatgg ttatgggtccg gctaataatg gcattgggta tgggtgcatat ggaagttag 120

gtagtgccac tgctgggtat ggtggacctg ctgggtgcaac atatgggaat cctaattgtcc 180

002230"EFFE50

ctaagtctgc ttatgctggt ggtccacctg gtggcccaag aagttcatgg cctg 234

<210> 15135
<211> 274
<212> DNA
<213> Glycine max

<223> Clone ID: 700963305H1

<400> 15135

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gcaaaaaggt cattttttat tggcttatga gggcgcaggt tttcagcatc taagtagctt 120
agcttccttg ttcataagcc ttgaagggtt ttgatgctgt ttttctgcac tttttgaacc 180
ttttaacctt ggttgtgcat ctgggtgttg ttttggaact atctcccact gttggcatgt 240
gagttttttt tacatgtgtg gatttttagat atgg 274

<210> 15136
<211> 273
<212> DNA
<213> Glycine max

<223> Clone ID: 700963306H1

<400> 15136

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ttgaccgtcc gcaaccttct actaaaatcc tccttcactt caatcttttt ccactttcca 120
ccgaatccaa gtcaagtcta gaatttccaa cgaaccgaac aaaggaaaat cccctcttag 180
atccaatcca aattaatatt tgtacatcta gtcaagaccc aagtccaacg cgtggtcgat 240
cgaatttctc atttgggggtt ctctttttta ttt 273

<210> 15137
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700963307H1

<400> 15137

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gccaaacctc gctgaaaatt agggtttcgt ttccggaggta gacgaagatg ttcggaaggg 120
 caccgaagaa aagcgacagc accagggtact acgaaatcct cggcgtttcg aagaacgctt 180
 cgccggatga tttaaagaag gcttacaaga aagccgccat taagaaccac cctgacaaag 240
 gcggtgatcc tgagaagttc 260

<210> 15138
 <211> 263
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963308H1
 <400> 15138

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 cctaatacgag ttcgattgca aaacatctca gtttttgaat tccaccttct ccgaccaccc 120
 gctgccaaac ctcttactac cgaggcgatt gcgcttacgg aaaagaagat ggacatgaca 180
 ctagatgaca taatcagaat gtctaaaaac ccgaggaata agacgcaaag aagggttccg 240
 aacaaaagtc aaaagttttc aaa 263

<210> 15139
 <211> 267
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963309H1
 <400> 15139

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 taactaacac gtcaaagtga aatgcaattg ctggagattc tcccctttgc tttggacatg 120
 atgttaaaga gttggattgc aagcctgtag agggtaaaag ggcaggtgga acaattggtc 180
 ttggggcatt tgggttccac aacaggggaa cccggacatt tgacattggt aattttgagc 240
 aacttgatct tgtggtgact gaatctg 267

<210> 15140
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963310H1

<400> 15140

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accttaccca cttgatctca tagccaccgc cgcgtgcctc cacttcggcc accttctccg 120
ccgcgcggcc acccaccatc cccgccttgg ggttcttctt cactcctggt tcaagattga 180
aggattagtgt gtgtcagaga tgccttcaac tcaatggggt gaactatctt caactatcaa 240
ctggcgattt ggcttcctca tgttcaa 267

<210> 15141

<211> 268

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700963311H1

<400> 15141

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tatcacataa aagaacaaaa actccccctt aaactgataa ggtatataag ccacccttca 120
gagcaatttg tccatcttct tcaatttatt agccgaagat gtgggtgcatt agaccttagt 180
ctttgtcata gtttcttcca caacaacttg gtagcanact ttccaaaaat tcacataaga 240
gcaatagtct tctccctaga aactgata 268

<210> 15142

<211> 264

<212> DNA

<213> Glycine max

<223> Clone ID: 700963313H1

<400> 15142

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gccactttcg ccattgtcat tccatgcctt gaggttgga ttgctgagtt tgacgatttt 120
ctcaaagccc aagctgatga agccataaa attgctcttg attcctatgt cgagagcccc 180
aagatgtcgc ccatgaactc aatttccatg ttcatatggc atgggaaact cccccaagga 240

264

<400>	15143
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gcaccttcca 130

<400>	15144
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tgatttagat atgacatata tca 263

<400> 15145

gtgccagatg ttggcgaagc gaagaggagg acaacctgct gaacgccgag caccacttcg 180

cgagcttcaa tgccaagttc gccaaagacct acgccacaaa ggaggagcac gatcatcg 238

<210> 15146
<211> 276
<212> DNA
<213> Glycine max

<223> Clone ID: 700963318H1

<400> 15146

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ctacgcctgc ggggtggctcg ccttcgggtc tccactttct ctctaattcca agcctccac 120
ctcgccttca ccgccgtctt cgccttcctc ctcgctcgcc acagggtcac gccctactcc 180
gtcaactccg tcgtgcttct caccgtcgcc gctgtgggtc tggctctgcg ttccagcggg 240
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<210> 15147
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<223> Clone ID: 700963319H1

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<223> Clone ID: 700963321H1

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 gtccaatgtc cccagattta taaaccagtt atgtcaaagg tgtgaacaat tgggcatttt 180
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 cacccttttg gaatctaggc tc 262

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<223> Clone ID: 700963323H1

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aatctgtgaa gtactatgtg gttgacgcat tcaactgattc agcgtttaag ggaaaccctg 120
cagcagtgtg tttcttagaa gaggagaggg atgaagagtg gttgcaagct gttgccaccg 180
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<212> DNA
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ccatgagctt 250

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<223> Clone ID: 700963329H1
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cttgttcact ctcttcaaag cagccacact gcaagggatg agtaactatg tctttgtcac 180
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taaatagata gaaggaattt agattaatta aaacaacgtt tcattcattc tgttggtgtg 180

ggaaatatga tgttcgactt tgccaggatt tggacccgaa acacgttaat aggtctcggc 240

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<213> Glycine max

<223> Clone ID: 700963272H1

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atggaaatca tcggaatccg agttggttag cattgctatt aaagtataac aactgcaac 180

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gagcagt 247

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<213> Glycine max

<223> Clone ID: 700963274H1

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gtcggagggga cgtgcgtggt gcctacatgt tctcggaggc gaagcaataa tgggttgggg 180
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<223> Clone ID: 700963275H1

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cgacggcaag gactaccagg agccggcgcc ggccgactg gttgaccoga cggagtttac 180
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catcac 246

<210> 15168
<211> 246
<212> DNA
<213> Glycine max

<223> Clone ID: 700963276H1

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gattgcttac ttgggaaggc cgtggagggt ttacgctaag gttgtcatca tggactcgca 180

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<223> Clone ID: 700963280H1

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 ttcacattgg cgcccggggc aggctcagtt tgtcaccgcg ttaccaccgt tgcgtagggc 180
 tcgggaagct cggcatttgg ccattctcgc tctgtgtgtt tttctctctt tctcaagct 240
 ttgtttt 247

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 <213> Glycine max

<223> Clone ID: 700963281H1

<400> 15173

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 ggggtgatgc cattgaagga ccttgtggag tgcggccggg ttcgcgaaac ggggttcatt 180
 tggatgaagc agaaggcgcc aagccagcac ttcttcgagg caaccaagac cctcgtgagc 240
 tacgcgccgg aggtcaccgc ctat 264

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<213> Glycine max

<223> Clone ID: 700963283H1

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aattagatag aagtctacat ggtggaaagc ttatattgat tagtattcaa ggtaatatgg 180
atatcatgac tatttagtga ctctctctgc ctttctgcaa gggctctatta tcttttttaa 240
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<210> 15175

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700963284H1

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cactcctatt ggaaaaagag gctaaagaag aggccagaaa agctcaggct gaggctgaag 180
ctagaaataa agagatgggt aaaaagggtg aagattctga ccgcaaagtg gatcaacttc 240
aagaattggt tcaga 255

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<211> 247

<212> DNA

<213> Glycine max

<223> Clone ID: 700963286H1

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247

<210> 15177

<211> 250

<212> DNA

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<223> Clone ID: 700963287H1

<400> 15177

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cccccaacta tatttcagcc agccgcgggc acacaacaac gccgacaccc tcatttccac 180

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<212> DNA

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ctcagatgaa gaacatccaa gagaggaagg agaggcggtg ggtttttagaa agaaaattgg 180

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agactg 246

<210> 15179

<211> 247

<212> DNA

<213> Glycine max

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<223> Clone ID: 700963296H1

<400> 15182

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<210> 15183

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<212> DNA

<213> Glycine max

<223> Clone ID: 700963301H1

<400> 15183

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tgagagttaa gtatagatta acattgtaat tccaataaat agtaatctta gttgcatctt   180
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<210> 15184

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700963264H1

<400> 15184

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gctcacaccg gcggcggtgcg gctggcggtcg tatgtctccg actcggcaaa gcagccttac   180
cgggtcgagt cgacggtgac ggtactcaac aacggcctcg acgagctcaa gtcgtggaca   240
gtcttcgttg ggttcgccca c                                     261
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gtcgtcccaa tagcactcct ggtggcggtta ctatctcgta ctcgtcgaag agcaccctac 180
ccaccaggcc caaagggttt accaatcata ggaaaacatg ttaatgatgg agcagctaac 240
ccaccgcggc ctgccaacc tg 262

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ggacgttttg ttttttgatt ctagacactt ggaagaagaa tgagttgttt tccttgtttt 240
tcaaagacta agagaac 257

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gtacaagagg aggatccctt aggaagagac ccttggtctaa aggtgcatag cagcatctat 240
gagtctttaa gg 252

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<213> Glycine max

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 ttcttggtacg gtgaggttca acttgcattg acatgttagt gaaaaaccac aataaggggg 180
 atggatctaa gtccctcgcc gatacactgg cgaaatggaa agaataataat gcttgggtgg 240
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<210> 15195

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 cagtgtatth gcaagcttgt ttgcctcatc atcagcatcc gcaactgcaa gcctccactc 180
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 cctctcaagg ccttc 255

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 <223> Clone ID: 700963251H1

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<223> Clone ID: 700963253H1

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<223> Clone ID: 700963254H1

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<223> Clone ID: 700963256H1

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 <212> DNA
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248

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681.9

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<210> 15210
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 <213> Glycine max
 <223> Clone ID: 700963232H1
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 tctcggtcgt ttcttttgc gcgtttgata gggttaaaac tagaccaaca aaacatttgc 180
 tgtttttgcg ggtggtgttt ttcttttttt tttttttttt gccctggga tcttggagct 240
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<210> 15211
 <211> 262
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963203H1
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 cttgtgtggt gcaaatgcta tttgcgattt caatggaaaa gctaaacact gtggatgctt 120
 gagtggattc aaagccaact ctgctgggtc aatttgtgct cgaactaccc gtctagattg 180
 taataaggga ggtatagata aatttcagaa gtataaggga atgaaattgc ctgacacatc 240
 ttcattcttg tatgatagga ct 262

<210> 15212
 <211> 255
 <212> DNA
 <213> Glycine max

09313-03

caatgccgaa gatctcgggg gtggtgaaac tgcacgtgtc gaagggggag gagcggaggg	60
actgcacggg ggggtgcagg atgtacggcg agggttgcta cggcggagaa ccgttccttcg	120
tggcgagggga agaagggggc gaggaagatg atgggtactt ggtgagttac gtgcacgatg	180
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tggcggcggt gaggc	255

<211> 255

<212> DNA

<213> Glycine max

<400> 15213

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gcaatctcag aaccctatgt agacctcaga cgggtgttctc tttcattagt ttccaacacc	180
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ttctgtattc tacaa	255

<211> 254

<212> DNA

<213> Glycine max

<400>	15214
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ccctttccaa	cttggttaatt	aattaagcct	tcttataatt	aaagtgtggg	atatatatat	180
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gcattcaata	ggat					254

[illegible]

<400>	15215
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<212>	DNA
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<400> 15216

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<400> 15217

6822

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aggttgc 247

<210> 15218
<211> 246
<212> DNA
<213> Glycine max
<223> Clone ID: 700963211H1
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gtccccagac aaacgctata attggctgca ttgactgcaa gtctggatcat ggagctggtc 180
gtccaacaca gaaaatgatc gatgaagctg ctgaccggtg cgttttatgg cttaaagtgtt 240
ggaagt 246

<210> 15219
<211> 198
<212> DNA
<213> Glycine max
<223> Clone ID: 700963212H1
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gacgcttggt gcagcgcatt gctgaattgg aatcgggtct ccgggcagac atccgtggtc 180
tacgcctgcg acgatgcg 198

<210> 15220
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<212> DNA
<213> Glycine max
<223> Clone ID: 700963213H1
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[illegible]

<223> Clone ID: 700963215H1

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tccctttctac	ttctaggggt	tcgctttctgc	aacggacgac	cttcttcaac	tcattcaaagt	180
tgactttgtg	agccaattca	atcaggcttg	agaaggatc	ctagtgttgt	ttgttcacct	240
tcattctccat	gatgg					255

<223> Clone ID: 700963216H1

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caacctcagc	ctcacactca	cacatacaca	catctgaacg	cgtatcgtcc	ctcccatggc	180
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cgctgggtcca	gtagctgagg					260

6824

<213> Glycine max
 <223> Clone ID: 700963217H1
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 ctcggcatca acctcgatcat ccgcggccac cgccctcctc cgcccttcccc cggcaccccc 180
 ggcaacctct acgtctgcaa ccaccgcacc gctctcgacc ccacgctcat cgccattgcc 240
 ctcggccgca aggtctcctg cgtcaccta 269

<210> 15224
 <211> 85
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 <213> Glycine max
 <223> Clone ID: 700963218H1
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 acctcctcgc agccatggct aagaa 85

<210> 15225
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963219H1
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 tgtgtatgtc taattgtact g 141

<210> 15226
 <211> 258
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963220H1

<400> 15226
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 aagtcgattt cagtgtccg cattccatgg gaaccactat catcggcgtt acttacaacg 120
 gcggtgtcgt tctcggagcc gactctcgaa ccagcactgg agtgtatgtt gccaaaccgag 180
 catcgacaaa aatcacacag ctactgata atgtttacgt gtgtcgtctt ggatcggctg 240
 ctgattctca gattgtct 258

<210> 15227
 <211> 202
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963221H1

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 agccgtatta aagcttgggg aaatcatggc caaagctgtt cccagtga aaattgtaatc 180
 cgttcaaaat tccaaacaac at 202

<210> 15228
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963222H1

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 aagtctatta tattcttcat aatatgacca tgcacgcga gtcttgggct tttgtcttcg 120
 gcgttatggg caacatcatc tccttttagag tgttcctcgc tccattgcca accttttacc 180
 atatctacaa gaagaaatcc actgaagggt tccagtcact tccttatgtt gttgcactgt 240
 tcagtgaat gc 252

<210> 15229
 <211> 253
 <212> DNA

<213> Glycine max

<223> Clone ID: 700963223H1

<400> 15229

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atgaccgtct tctggtcatc tctggctcag agctttacca agcgcccaat gaaggggaatg 120
cttaccggtc ctgttaccat tctcaactgg tcctttgtta gatatgacca acctagatct 180
gagaccacct agcagattgc tttgtctatc aaggacgaac tggaagacct cccttaggct 240
ggcatcactg tta 253

<210> 15230

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700963224H1

<400> 15230

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taacaaagtt gttggaagat caccctgggt gggatgaggt cctgttggt tccacaggga 180
aaggtgcgac caatgattat gaggcatagt ggtcaccgca gcattgccgt agccatgatg 240
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<210> 15231

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700963225H1

<400> 15231

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ttgctcatgt tgatcacgga aaatcaaccc tgactgattc tcttgtggct gctgctggta 180
ttattgctca agaagttgca ggtgatgtcc gtatgactga taccctgca gatgaagctg 240

agcgtggtat tacaat

256

<210> 15232
<211> 240
<212> DNA
<213> Glycine max

<223> Clone ID: 700963226H1

<400> 15232

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caaacggagt aggaacacgg aactcaggat tcatggcgac aacagcgacg acgagcggaa 120
aaccggtggt cgtgacgttg gatcgggtta aacctgccac caacggcaat aactgacgg 180
tgaagggtgt cagttccaag ccggtgaaga cggtagcac cgcggcggtc gacgacggtg 240

<210> 15233
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700963227H1

<400> 15233

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ccgccgcagc cccaagaaa gacgacggac ccatccctgt cgtttacaaa ctgcacttgc 180
attgcgaggg atgctgcaag aagatcaaac gcacatgtcg ccacttccaa ggtgtggaaa 240
ccgttaaggc 250

<210> 15234
<211> 79
<212> DNA
<213> Glycine max

<223> Clone ID: 700963228H1

<400> 15234

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aattgtggcc aattccaaa 79

<210> 15235
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963229H1

<400> 15235

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 tcttattgga acaccagtct aatggattat ctctataaca tgctcagggtg ttccgggtgga 120
 aatgactcaa ctggacagct attttctgct tccaatgtag agtttgcctc agtcacctat 180
 catactcatg gatgttattc tagttcccgt gtgcaacggg ctggttggca cagcgctcca 240
 gaagttttct 250

<210> 15236
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963231H1

<400> 15236

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 gacacatgga atgggatctg ctgcgaagct caagtccac cgcaggaggc aaaggtgggc 120
 tgacaagtca tacaagaaat cacatcttgg aaatgaatgg aagaaacctt ttgctgggtc 180
 atcccatgcc aaggggaattg tccttgaaaa gataggtatt gaggctaagc agcccaactc 240
 tgccattcgt aagtgtgc 258

<210> 15237
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963202H1

<400> 15237

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tctgtatagt ataaatggtt ttttctgttt tctatacagt tattttgctg cgatttgat 180
 actgattaaa ttaatgcatg ttctgtttta gttcttacct gtatacttga aatgcttatt 240
 gagaacctac agtaaacaga ag 262

<210> 15238
 <211> 239
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963169H1
 <400> 15238

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 agtgtgttca catacatatc tacggatagt gattagtatt gtcaccacat acaataatgg 120
 gttccattag taacaccgag agtcataatc agcacaatga tgatgacgac gatgatcatc 180
 gtcacggtt gaatttctcg atccagagag gatatgggac aatattgtag gaggcattg 239

<210> 15239
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963170H1
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 aatttccttc aaaataattg agtgactggt tcagtgttgt actatccttg tgatagcgcg 180
 cttttatttt tccttctatt tttgtcaa atgttctttt tttccttttt ctctcttcat 240
 tca 243

<210> 15240
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963171H1
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 cattggcttt aaggaggaag acaaaccxaa cttcattggg tctttctatt ccaaaactaa 120
 ggctatgggc gaagagctct tgaaagaata tgacaatgtg tgcaccctca gggttcgcat 180
 gccaatcca tctgacttga gcaatccgcg caatttcac accaagattt ctcgttata 239

<210> 15241
 <211> 240
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963172H1

<400> 15241

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 gttggaaga tctattctgt ttcttcgtca tggcaaccgg acaactattc tcgcgtacta 120
 cacaggcttt gttttacaac tacaagcaac ttcccatcca gcggatgctt gattttgact 180
 tcctttgcgg cagggaaaca ccatcagttg ctggaataat taacctgggt tctgagggat 240

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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963173H1

<400> 15242

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 cttcgccgcc aaccaagag caccaattga tgtgccattt ggcagaaact atgtgcctac 120
 ctgggccttt gatcacatca aatacctcaa tgggtggtct gagattcagc ttcattctga 180
 taaatacaca ggtactggct tccaatcaaa agggctctac ttgtttgggc acttca 236

<210> 15243
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963174H1

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 tgctagttaa gctccaatgg tgctctctcc accacaagct tctgcatctc ctgatctcac 180
 attgaagctt taagtttaag gcttaagaaa atgacgatac atacacaagc aaaggg 236

<210> 15244
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963175H1

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 tcaagcattt attgatcatg gtaccgtatc caggacaata gactcaaag catctgaagc 180
 tgaaggaata tacaatgctc tccagaaatt gggatttgac tggagctttg ttgggt 236

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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963176H1

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 ctggtggcag ctttgaccca ttgggccttg ctgatgacct agaggctttt gctgagctta 180
 aggtgaagga actcaagaac gggagattgg ccatgttctc tatgtttggg 230

<210> 15246
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 <212> DNA
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 <223> Clone ID: 700963177H1

<400> 15246

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 tagatggcac cgtactctct aatattccat actacaaaaa acaaggatat ggggtggaga 180
 aatttaactc gaccttgtat gatgaatggg ttaacaaggg caatgcaccg gcactg 236

<210> 15247
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963179H1

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 aacttggaat attttgttag gctttcagag tcgcttaaga caagttcttg tggagagaga 180
 ataaaggaca ttatcctgga gaaggggata actaaaactg caatgacaca tttg 234

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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963180H1

<400> 15248

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 tgatcagttg aagcaaaatg ctactaaagc gaagatccct ttctatggaa ggtacacgct 180
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963181H1

<400> 15249

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 gttaacgctt tttgaccctt ctctccattg gtcattcccc cgaatacgcc gcacctataa 180
 tctagcaccg accggaccct ccatacccgt tttcgcgcgg atctaggagc tcaggtaatc 240
 cccgaggaat tttcaattgt tat 263

<210> 15250
 <211> 245
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963182H1
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 ctatgggggtc attcttatcc ctgaagggtc aattgatttc attcccgagg tccaacacct 180
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 gaaga 245

<210> 15251
 <211> 215
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963183H1
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 aaaggagttt gttttctatt tttgttcagg agacaacggt ttcattgtata tttatgtcag 180
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<210> 15252
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963184H1

<400> 15252

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 ctgagaaggt aaagtcgtta agcatggccg tagccctggg ataaagagtt gtgaaagctt 180
 ggctctttct ggaggttgaa gaagcttggtg atatcagggt agatctccga tgtagcagca 240

<210> 15253

<211> 241

<212> DNA

<213> Glycine max

<223> Clone ID: 700963185H1

<400> 15253

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 ctgatgttct tctacccttt ttgccactca ctcgacaaca gaataaccat aaaccacccc 120
 attagagacg gcgacgtttt ggtctccaac ggtttaggaa actttgcgct cggtttcttc 180
 agcccgcgaa actccacaaa ccgttacgtt cggatttggg acaacaaaat ctcggaacaa 240
 a 241

<210> 15254

<211> 240

<212> DNA

<213> Glycine max

<223> Clone ID: 700963186H1

<400> 15254

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 aagattctct gattcctgag aaagtttcag ggaaaattgt tatatgtgag agaggtggga 120
 atccgagagt ggaaaagggg ttggtgggta agcttgctgg aggtgctgga atgatattgg 180
 cgaatagtga agcctacgga gaagagttag ttgctgactc tcattctctt cctgctgcgc 240

<210> 15255

<211> 238

<212> DNA

<213> Glycine max

<223> Clone ID: 700963187H1

<400> 15255

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tcctttgatc tgctgtcatt ctttcaacaa tctcccaaaa ccaagatatg tgaatatctg 120
tatctttata gccattatac tcagtatgtg ctttccaatc ttcaacagaa acggtatctt 180
cactcccatg cagcatccaa tccagatctt cgaggtctaa actttggaag aagtactg 238

<210> 15256

<211> 239

<212> DNA

<213> Glycine max

<223> Clone ID: 700963188H1

<400> 15256

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atggaagtgc cgtttggcaa cgcacggcgt gagagcaaag aacgtgacga tgggtggctcc 120
gggtctcatc ctgcgcaggg tgccaccacg gtcagtcggt ggaagaaacc tgagattggt 180
tgggtgaagc tgaacgtgga tggttcacgc gaccataca aaagttcctc cgctggttg 239

<210> 15257

<211> 235

<212> DNA

<213> Glycine max

<223> Clone ID: 700963189H1

<400> 15257

aagtgaacag agaaataaat ggagaatgcg gaagagcagc agcagcaaaa cgaggaggtt 60
ttgtcggttg aacttccggg tccttccggt tggataaac tgttcttccc taagaaagtg 120
ggaacaccaa gaaaaagtga gattgtattc attgctcaa ctggggagga gatcaatacc 180
ataaaacaat tggagcagta cctataggca catcctggca atcctgtcat tttag 235

<210> 15258

<211> 150

<212> DNA

<213> Glycine max
 <223> Clone ID: 700963190H1
 <400> 15258

agtaagtgga atcggtcgag atattatagg attaaatata tttcaactat aaaattaaga 60
 gggttaaaata tgaattattg aaactaaaaa ttttacgttt aaactatagg gactacaaaa 120
 tataaatcat gaaactatag aaaacaaaat 150

<210> 15259
 <211> 235
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963191H1
 <400> 15259

cgctctgttt ctgtctctgt gtttgcggtt gaggattccg aacgagcgac cttcttcggt 60
 tctcgcaaag tttaagtcac catgggtaag gaaaagactc acatcaacat tgtcgtcatt 120
 ggacatgtcg aactgggaa gtcaactacc actggtcatt tgatctacaa gcttgagggt 180
 attgacaagc gtgtgattga gaggttcgag aaggaggctg ctgagatgaa caaga 235

<210> 15260
 <211> 236
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963194H1
 <400> 15260

acccaattcc cttcgtcggt ttcgattaag agagcaatgg cacgtaccaa gcaaaccgct 60
 cgcaagtcca ccggaggaaa ggctccgagg aagcaattgg caaccaaagc cgctcgcaag 120
 tcagccccgg cgaccggcgg agtgaagaag cccacccgct tcaggccagg aacggtggct 180
 ctgagggaga ttcgaaagta ccagaagagc accgaacttc tgatccgaaa actccc 236

<210> 15261
 <211> 236
 <212> DNA
 <213> Glycine max

<400> 15264

cgaatacata atcgttggat ctgccaatat caaccaaagg tcaatggatg gtgctaggga 60
 ctctgagatt gccatgggtg cttatcagcc ctatcatttg gctaccaggc agccagcacg 120
 tggtcagatt cacggtttcc gcatgtcatt gtggtatgag caccttggca tgcttcatga 180
 ctccttcttc cagccagaaa gtgatgcatg cattaacaag gtgaaccaag ttgctgacaa 240

<210> 15265

<211> 247

<212> DNA

<213> Glycine max

<223> Clone ID: 700963139H1

<400> 15265

atctgagata gagctacagc accattatca ttcattctcca ttactttcct attcgatcct 60
 cgatccctct cccacataga agattcataa ccccaaaacc caattttttt taataatata 120
 actgcaatta tttttatttt ctcagtaaaa aaaaaaaaaa gagaaaggag tccgattcat 180
 tgggttaaaaa ctcttgctgt cccgcttcgt cctttttctc ctccgctcgt ctttccgcaa 240
 tgccatt 247

<210> 15266

<211> 244

<212> DNA

<213> Glycine max

<223> Clone ID: 700963140H1

<400> 15266

ctttgtgtag gtgctcaacc ctagtaagcc gcaatgggtga agtactcaag ggagcctgac 60
 aatccaacta agtcttgcaa ggctagaggc gccgacctta gggttcattt taagaacaca 120
 agggaaactg cctttgcaat caggaagttg cccttgggtca aggctaaaag gtacttggaa 180
 gatgttcttg cccacaagca ggcaattcca ttcagacgtt tttgtcgagg tgttgaagg 240
 acag 244

<210> 15267

<211> 245

<212> DNA

<213> Glycine max

<223> Clone ID: 700963141H1

<400> 15267

actcgagccg attcggctcg agaagagggga gttataagat attcacagaa gcagcaaaaa 60
 tgcttatgca acaagttcat gtatcaaata caagttcatc ttgtctcatc cttcaaaagc 120
 catgcctccg tgacattact cacccatctt ttcagctttg gtcaaggcca tcatcgttcc 180
 cataccaaag gacgcaggaa gggttttctca tggatgcagg tcttatggca tcaatatctt 240
 agctg 245

<210> 15268

<211> 241

<212> DNA

<213> Glycine max

<223> Clone ID: 700963143H1

<400> 15268

gacagttgta aagacacggt tcagtgcga tggcaaagct gccttccaat gccaacgagc 60
 atggaggcca aattcactta taaccctgtc tgctgaatat gactccacaa agatctttgg 120
 ttcattccacc aagttcggtc ttgtcttgc tctcaagcct taacttgccc tggctattaa 180
 atcttgtttg gcgacatcaa cttttttcat atcattgtac attgtttcca aaacccatgt 240
 t 241

<210> 15269

<211> 239

<212> DNA

<213> Glycine max

<223> Clone ID: 700963144H1

<400> 15269

ctcataacac aaagcacaaa gcaaagctca tccttgagtt aaaaaatggc agcagcttct 60
 tccatggctc tctcatcccc atccttggct ggcaaggccg tgaagctggg cccatcagcc 120
 ccagaagtgg gaagggtgcy catgaggaag accgtcacca agcaggtctc ctcaggaagc 180
 ccatggtacg gccagaccg agtcaagtac ttgggcccatt tctctggcga gccccctc 239

<210> 15270
 <211> 238
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963145H1

<400> 15270

taaatttcta atgtctttgt cctgtccttc cttttccttg caaagtagaa aacgaaagca 60
 tctccctctc tcctaagcaa gcaattgccc ttaaccctca aaatcttcct ctttctctca 120
 cagccattga ttctccatgg acgaatcgga gcaataccgc aaggagtatt accctaacga 180
 tcaaacaatc accagaagag tctcctcgtc ctcttcgacg accagcgctc acgtgaca 238

<210> 15271
 <211> 241
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963146H1

<400> 15271

atgagtttga gtttgagttt gagtttcagt ctgagtgtgt gtgtatgaga gagagagaga 60
 gagagagaga gagagacgca caagcacata tactataaga atatcacaca ttacagtatt 120
 ctgagtatct ctctgctgcg cagttatgac cgagaatata taggtgagat ttctacagta 180
 gtgtagctgg gtgcagttct catggctgtc tagcagacac tcattcttccg agccataagt 240
 g 241

<210> 15272
 <211> 242
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963147H1

<400> 15272

ttccctcttc ccaactcccca gatcccaaag gagtgtcttt tcttttttta tcaagtttgt 60
 tgtttatatt taacaacctt gagttaagga ttttttttgt gctaattaga ttttaaggatt 120
 ttttaataatg gacataaaaag tgctttcttc cggagttcag tactcaaatc tgccggagag 180

ttacatccga cccgaatcgg agcgacctcg tctttccgag gtttcggagt gcgaggatgt 240
tc 242

<210> 15273
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700963149H1

<400> 15273

gtggtagtgc ccaaacatgt aaccaatgac cagcaagata tctcacgac atggatgaaa 60
cttgcttact ttgtacaagg gctgaaccct caaaagagag agagagggtca acatatagaa 120
catggaaatg agcatgacca tttgcctatt attttagggc aatcgattgc caatattcat 180
gctctatagg tggatgggtg agtgtctgaa gctagcaagg gggaaatgga tgaagaaata 240
gatgagagcg c 251

<210> 15274
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700963150H1

<400> 15274

agatgttgca cattttttgt ttggcatctt tgggaatgct tccgctctgt tcctattctt 60
ggctccagtg atcacattca agaggattat taagaacaga tccacagaga agttctcggg 120
cattccatat gtcatgacac tgctcaattg tctcctttca gcttggtatg gtttgccttt 180
tgtgtctccc cacaacatat tagtgtcaac agtgaatggc actggatcat tgatagaaat 240
catatacgt 249

<210> 15275
<211> 169
<212> DNA
<213> Glycine max

<223> Clone ID: 700963151H1

<400> 15275

ctcttgtgta ctggattgga atatatatgt acttgatggt ttctatgtaa tgaaggctctt 60
aataatataa ttaatcttac aaataataat attgagacct tcattacata gaaaacatca 120
atattattat ttgtaagatt aattatatta ttaagaaatg gttcgcttt 169

<210> 15276
<211> 243
<212> DNA
<213> Glycine max
<223> Clone ID: 700963152H1
<400> 15276

ataaaagacc atgtcgggtga aggagtgcga gcaccacaag gggaagaaga ggaagatctt 60
ccggcaagtg ttctggtgct tagtggtggt ccttttcacg gtgctggtca caattctttt 120
gatatgggca atccttagac ccaccaaacc caccttcacg ctccaagacg tcaccgtcta 180
ctacttcaac gccaccgtgg cgaacttccct cacttcgaat tttcagggtca cgctcatctc 240
gcg 243

<210> 15277
<211> 242
<212> DNA
<213> Glycine max
<223> Clone ID: 700963153H1
<400> 15277

atacgtgaac agtgaagatg atttcttttc acatcctatt gctaagcaac attacaaaaa 60
ccatattaag gctgtgttga caagaaaaaa cacaataact ggggtcgcat ataaggacga 120
tcctgccata ttgctgtggg aacttatcaa tgaaccccg tccaacacg acaactccgg 180
aaaagttatt tagcaatggg tgattgagat ggctgcctac gtcaaattcca tcgacaacaa 240
tc 242

<210> 15278
<211> 242
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<223> Clone ID: 700963154H1

<400> 15278
 ctccatcct ttcgcattct caataccctt ttgatttggt aaaggaaagc aaacatgggt 60
 gatcagggtcc aacaccctac aatcatggac aacgttccta gtcaactcca tctcagacct 120
 ggtctttcat ctggtattag aagttatgat ggagcctacc gccaccagc tatgtaccaa 180
 agaccctctt ttgggaatta ctgggctngt gccttgagc ttctgtgat gccacatgc 240
 aa 242

<210> 15279
 <211> 242
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963155H1
 <400> 15279

attcaagtaa aatttcactt aagcttggtt aagttgaaga gaatggcata gagaaggaat 60
 ctgacccag aaagaaggct gcggttttaa ttcttgagc tggcgggtc tgtcaaccag 120
 ctgctgaaat gttatcatca tttggaaggc catcatcgag ccaatggat aaaacattgt 180
 tggaagatga ttttgaatgt caaactgatg tagaagtc tgtgggatct ctgtacctga 240
 ag 242

<210> 15280
 <211> 241
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963156H1
 <400> 15280

gttccagagg cccgtcttcg gagtgcccg ggtattgaa gcccgacgct gtggccctg 60
 gctcgccat tttggccgct tggattccg atgtgccgc ggccgaatt ggcccaaat 120
 tggttttaa tactgaatac aatttgatgt cggaacgct gatggcctgc cctcatgctt 180
 ccggggtggt ggctctgtt aagaatgcac atcctgaatg gagtgcttct gctattaggt 240
 c 241

<210> 15281
 <211> 241
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963157H1

<400> 15281

ctcacagccg ccgctcgagg tggtagccacc gttgcaactct ccgctagctc tctattcgat 60
 ctccctctca ccgatactaa gaaggtaaag tcgttaacga tggacgaagt ctctggtagt 120
 aagagttgtg gcactttggc tctatctgga ggttgatgaa ggctatagtt ggatgaacac 180
 aactgaaatg aatggaaacc agcaccgtta caatcctttg ctaatcagta agcattgaca 240
 a 241

<210> 15282
 <211> 238
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963158H1

<400> 15282

gattcaacat acaattctct ggtaaagggg ttttgtaagg caggagatct tgtaggtgct 60
 agtaagattc ttaaaatgat gataagtagg ggtttcctcc caagtgctac cacttataac 120
 tactttttta ggtacttttc aagatgtaga aaaatcgagg aggggatgaa cctgtataca 180
 aagttgattc aatctgggta taccacagat cgggttaactt accatcttct ggtgaaga 238

<210> 15283
 <211> 237
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963159H1

<400> 15283

aaataaaaaa ggaaaggaga tgtttgaata aaaataattc cccttcaagt tcttattttt 60
 tgagaggaca ggacaatatg aatgttttat tatgctctat caacacatta aaaagattat 120
 atgatatatc tgctgtggaa gtaggtcaac atttctattg gcaaataagg agtttccaag 180
 tacatgccca agtacttatt acttcttggg ttgtaattgc tctcttattg gtttcag 237

<210> 15284
 <211> 236
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963160H1

<400> 15284

gttcgtgtcc actattaaaa aaatcaacaa gagtagtaac gctcccaagt ccgttgcgag 60
 caccggagcg acaatatcac cattgaactt ccgaaccggg gttgatcatt tttgccttca 120
 caccggagga aaggcgggtga tcgacgggat cggaatgagc ttggatctga gcgagtatga 180
 cctggaaccg gcgaggatga cgctgcaccg gttcgggaac acgtcggcga gtagct 236

<210> 15285
 <211> 239
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963161H1

<400> 15285

gcaggaagag agaaaggcga tggacctcgg aacctatgaa gtgccagaag gagtggacat 60
 tctaggaaga tacgatgcag agtttgcaaa aatcctcaca aaagacgctt tgacattcgt 120
 tgctgagctg gaacgtgagt tccaggagcg atatcaagca tgcattaggg agcagtagag 180
 aggcaaagaa gaagtacaat gaagggactc ttccgggggtt tgatcctgcc accagtcaa 239

<210> 15286
 <211> 239
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963162H1

<400> 15286

aaagcagatg atgagaatat acgtcgccag tccagtaagc gactgggaag atagtgcgc 60
 tgagagatat gtggaccaca ctttatctct ttgggacgaa tatgaagccg aactgtcaca 120
 ttttgtatct caattatatg attcattatt caaggactgt gctagtatca atgttgcttt 180
 gcaacatagc tcttgctca tatcgaagaa tgacgtatgt gtgtcatctc cccggcgta 239

<210> 15287
 <211> 237
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963163H1
 <400> 15287
 acagggcatg atgcaatggc aatatctcac ttaacaaagg tgggaatgct gtttgtgcgt 60
 tgtcgcggag gcataagtca ctctccacaa gagcatgtgc tagataatga tgtctgggca 120
 gctgggttag caaccttgtc atttctggaa aacctatcat aagtgatagc gtaactgtgt 180
 aaagcaataa atagatgata gcttgaatt ataggtaat ttattgagtt aattcat 237

<210> 15288
 <211> 252
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963165H1
 <400> 15288
 tgcgtattca gctcgagatg tggatgaaag taaagaagta gcaaagatgt ttccattcgg 60
 gcacaatggc cacaagataa aggggactat ggtggttatg cagatagaat gcgttggata 120
 tcaacagcat caccagtgtt gacgggatcg tcggtaccgg cttagacttc ttaggcagtg 180
 gactcgatac agttacttgt ttagcatcct gcatctccat ccaacttagt agtgctacca 240
 aggctgatgg tg 252

<210> 15289
 <211> 247
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963138H1
 <400> 15289
 cattccaatc gctcccaaaa tattttctaa tttgttcata actcaataat tctcatcatg 60
 ggctccttga ttgttccagg tgaacatgat cacaaactaa agcttgttct ctcttccctt 120
 tgtatcaacc agtcacctca ttcccgtagt agacatagct aggctctttg ccattcatgg 180

tgttgatgtc accataatca ccaccacagc cactgccgcc attttccaaa gctctatcga 240
tcgcgac 247

<210> 15290
<211> 243
<212> DNA
<213> Glycine max

<223> Clone ID: 700963166H1

<400> 15290

aaccaagctt ctctgttaaa aaaaaattag gcgtctaaag ggccaaagct tagaaagttg 60
aagctttttt tgttgaggtg aaagtgaat ggttggaag gataatctga gggctgagga 120
cttgaacttg tgctttaaga agcttatgat ggtggccggg agtggaaca gtgagaaagg 180
ggagaacttg aaggttgggg tgatcaccga gtggaaggat attcctgtgg agcttctgat 240
gca 243

<210> 15291
<211> 246
<212> DNA
<213> Glycine max

<223> Clone ID: 700963167H1

<400> 15291

aacactgcag tgttgactat gctgctagct caaccattt tcctctctcg caactttccc 60
actctcaaca accgaaactc gagaacttct cttcaacttc acaacctcc tgcactcata 120
agagtttcac cgcaaagaac gccataata gcctcttctg gttgttttgg ttgcttcgta 180
aaaccgcttg atgtcagaac caaaacctcg ctgggtgcgt tttttaagaa aagaaagggt 240
tgtgca 246

<210> 15292
<211> 245
<212> DNA
<213> Glycine max

<223> Clone ID: 700963111H1

<400> 15292

tcttcaattg tcgatgatct tggccttctg ctaagagaaa aaggatttaa ttatcacggt 60
 ttggagggttc tatatagtgg tgtttatgga acggaactaa catgtgagat atttattgga 120
 cctgtttatt atcaacggct gcgtcacatg gtttcagaca aatttcaggt tcgatctact 180
 ggcacaattg accaggtcac ccggcagcca ataaaaggac gaaagcgtgg tgggggaatt 240
 cgatt 245

<210> 15293
 <211> 209
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963112H1
 <400> 15293

atctggatga gcttgagaat agacttgatg acatagatag catagaggct gaggaggaac 60
 ggaaaagatc aagtcaagca aatagaaaga catccaatcg tgggtgttaca aaagcagcta 120
 agaagtacac ggaaatacgg tagacaagta gtaaagagaa aagagttaag tcagataatg 180
 ataattattc aatggaaatt gagaatggt 209

<210> 15294
 <211> 241
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963113H1
 <400> 15294

gtttgtcagc tttttcttgc ttccatagtt catggcgtgt gttcaagtca tcacagttct 60
 tctctttgca ttggctcttg caaaaattga cccctcaaca tgccaaatgg tgcagggcag 120
 agtcttctgc gttgactgca ctcaacaacta tgacttatct gatattaagg tttcagttag 180
 gtgtgatggg gtgaaaaaac tggctttggc aactacagaa aatgatggct ctttcaaggt 240
 t 241

<210> 15295
 <211> 243
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963115H1

<400> 15295

tatggttccc gttgcgtgaa gccaccgatc atctatggtg atgtgagccg cccaaagcca 60
 atgaccgtct tctggtcac tctggctcag agctttacca agcgcccaat gaagggaatg 120
 cttaccggtc ctgttaccat tctcaactgg tcttttgta gaaatgacca acctagatct 180
 gagaccacct accagattgc tttgtctatc aaggacgaag tggaagacct tgaaaaggct 240
 ggc 243

<210> 15296

<211> 243

<212> DNA

<213> Glycine max

<223> Clone ID: 700963116H1

<400> 15296

aaacggatcg ccgtgatgcg caggagtatc ttgagctggg acaattgtaa attctttctg 60
 acacgggagc tgactggat gcattcaaaa ctgctcgtac tctatttaag aaggagggtc 120
 aagaagtacc aattgaatta ctcaataata ttggtgtgct tcagtttgaa aggggggaat 180
 ttgagcttgc tcaacaaaca ttttaaggagg cactaggtga tgggtgttgg ctatctttca 240
 tca 243

<210> 15297

<211> 266

<212> DNA

<213> Glycine max

<223> Clone ID: 700963117H1

<400> 15297

ttcggctcga gcacatataa actccgatgt tttacgcctt ttaatttctt tgcaccatac 60
 tctttcattc aattcaacgc cacacttcat agaaaagaaa agcgatggag tcttccggtg 120
 cagcgaatga gaagctctta gaaaatggca cttcttctga taaaccaca aagggaagg 180
 gtggtttaag aaccatgccc ttcacatag tgaacgagtg tctggagaag gtggcgagct 240
 acgggatcat gcctaacatg atactg 266

<210> 15298
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963118H1

<400> 15298

gcggaagctc tagcttgggt agcgaatcac aatggcgaga ggattaaaga agcatctgaa 60
 gaggcttaat gcccacaaagc attggatgct tgacaaactg ggtgggtgcat ttgctcctaa 120
 gccctcatct ggaccacaca aatcgaggga gagcctgcca ctcataactca ttttgcgaaa 180
 ccggctgaag tatgctctaa cataccgtga agtcattgct attctgatgc agcgacatgt 240
 ccttgttgat g 251

<210> 15299
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963119H1

<400> 15299

cacacacact acagcaccaa aaaccgaagc aaagcaagca aagcaagcca atcaagactc 60
 accttcgtgt tccaatcaga ggatatagag agagaattat gagttggttg aataaaaata 120
 aaagtacttg tagtgatggg agtgccaata atgaatcttc ttcaagtgga atagttggag 180
 aaagggataa tcattcttgat catgaaattg cacagctcac aaaacttagg tcaagtcctc 240
 atgagctttt 250

<210> 15300
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963120H1

<400> 15300

aaaagggaca acattgaaga caacgttatc atatccttct ttgcttgga tggaacaagc 60
 tggaagcaa ggaattatgg tggcgtctca gagtcaaac ccattgagc aaatccaagc 120

gcgcttcaag gacttggaag ctggattccg cctctggctc tccaagcagt ccctccccgt 180
 cgaggcagcc gtcgtcacca ccaccagcgc cgcccagggc gccgccatcg gcgccttcat 240
 gggcaccc 248

<210> 15301
 <211> 247
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963121H1
 <400> 15301

gaatgttgcg agggaaatca taaaccatag aagcttcgg caccccaata ttattcggtt 60
 caaggagggtg gttctgactc caaccatct gggattgtt atggagtatg cggttggtgg 120
 agagctcttt gagaggattt gcagtgttg aagattcagc gaagatgagg ctcatatatt 180
 cttccagcag ctcatctcag gagttagcta ctgtcattcc atgcaaactc gtcacgaga 240
 cttgaag 247

<210> 15302
 <211> 247
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963122H1
 <400> 15302

agactcatgt atacaagagg ccacctgtct tttcaagatc attgattttt gctactgcat 60
 tcatgagctt cttctctgta gttatagcac tgtttaagga tataacctgac attgaaggag 120
 ataaagtatt tggcatccaa tctttttcag tgcgtttagg tcagaagccg gtatgttggt 180
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 tactctt 247

<210> 15303
 <211> 248
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963123H1

<400> 15303
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 ctccccctgaa actgcagagc tattcctcaa aaccatgac acaatctttg ctagcaggcc 120
 aaaaactcta gtttcagaat acatgtctta tggaagtaag ggcctagcgt tctctgagta 180
 tggaccctat tggcgtaacg tgaaaaagtt gtgcaccaca caacttctga gtgcatcaaa 240
 ggtcgaga 248

<210> 15304
 <211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963124H1

<400> 15304
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 ccggatcgta ccaccgatca tactgtcaat tgagcttatt gatcatgcat gcagaagaga 180
 taccggccga accagataac ttgaaggagc aggggtacaac aactataggt cattcaaggg 240
 agacc 245

<210> 15305
 <211> 235
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963125H1

<400> 15305
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 ttccatgttc cataacaaca cagagagagt cttgttcctc tgtgattaca tgttcatctt 180
 cgaatgacag agaccggaat tcggtggatg atgaagatgt aaaacaagtg gagcg 235

<210> 15306
 <211> 241

a

241

<210> 15309
 <211> 242
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963129H1

<400> 15309

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 taaggctacg gcttcaaaaa tggggtactt tagagggcag tgttttaacg tgttgaaatc 180
 cccatcttgt tgatttgaaa ttgtacctag aaatgtctcc aattaggatt tagagttgta 240

aa

242

<210> 15310
 <211> 243
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963130H1

<400> 15310

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 tgaatgcagc tggtcgggag ccaaagcatt tcgtagtgtg tcatgttacc ccaaaatcaa 120
 gagctcctgc tcgtgtgcta gggtttaagg gtactacaac tgtaaagtga ccccttcctc 180
 cggcatttga tcctttgggt gatatggatc ctcgacttgt tgtctctttt atagacttac 240

caa

243

<210> 15311
 <211> 221
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963131H1

<400> 15311

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ggaggaggag tgagtgggcc ttgttgctga tttggcaaca acaaataaag atgatagttt 120
 gagtttgagt ttgtgtgaat ccagatctga gtttcatttc gcagttttgc ggagaagaga 180
 acaatggagt cagcaacggg atcatcatcg gagtcggaga c 221

<210> 15312
 <211> 253
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963133H1
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 caacgcttct tctctcgcca ccactgggtc ttatttgcca aatgcttcat ggcacaatag 120
 gaaaatccaa aaagaatata attttttgag gtttcgggtg ccaagtttga accaccatta 180
 caaaagcatt gaaggagggt gtacatgtaa aaaatgtaat ataaaatttg ttgtgaaagc 240
 gacctctgaa aaa 253

<210> 15313
 <211> 250
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963134H1
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 atttaggtga aaataacaag aaatttagcc ggaggagaaa gggctatgat gctcaacaac 120
 gtgtcactct gcggctgcta gcaacttggc tcgatatcaa gtgggcaaaa atggaggcca 180
 ttgagacaat aggtgctagt tctgcaatgg ttttattaaa gagcaagagg caagtaaaga 240
 agaaattcaa 250

<210> 15314
 <211> 248
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963135H1

<400> 15314
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 cccgaagaaa ccgagaaggg tttcctagga aaaatcatgc ccaggctcgt caaatccatc 120
 tctggcgaca ggacacacgt gcttcgcttc gagaccccag agactatgag cagggacagg 180
 tttttctggt ttagggatga ggagtttgct agacagactg ttgctgggtct caaccggtat 240
 agtatacg 248

<210> 15315
 <211> 243
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963136H1

<400> 15315
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 tggtcagatt cacggtttcc gcatgtcatt gtggtatgag caccttggca tgcttcatga 180
 ctccttcttc cagccagaga gtgatgcatg cattaacaag gtgaaccaag ttgctgacaa 240
 ata 243

<210> 15316
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963110H1

<400> 15316
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 cattgcactt aagtgcccat ccattgaagt tgctgttggt gatatctcta aatcccgcat 180
 tgcagcctgg aacagtgacc agcttcttat ctatgaacct ggccttgatg gtgttggtgaa 240
 gcaatg 246

<210> 15317
 <211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963137H1

<400> 15317

gggtgggaggt cgaaaactag aaaagtagca ggggcttaca ctgtaccatt accatagtca 60
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 ggggggtcttc tttatctagc tggagaaaca ataatggttg ctgtctagtt ctgtgaaatt 180
 caaccccatc atggatcttg agtctgtgat ccacaggatc acaatttccg atgaatcatg 240
 gaaga 245

<210> 15318
 <211> 272
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963083H1

<400> 15318

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 gaaggagcca ctccagagcc tgatacctcc gccatcaaga tccaattaga tcaactcaat 180
 tccaagatcc aaattctcga gtctcaaata agtgaaaagt tggaagaagt gaagaagaag 240
 gacaaaatta tagcagaaaa agaaaattcc at 272

<210> 15319
 <211> 270
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963084H1

<400> 15319

ggaatataga agcataaaac tgaaactaac atatacatgc cattaaaata ctaaaatttt 60
 catgtttgtct ctagcctcaa ggatcagata gcaaactctac aatcagagaa tgaatcccta 120
 cggagtcagg cagcggctgc tgcttttagag cagaaagttc atccagaaaa aatagaagca 180

gaccattcag cagctgctct agagcagcaa cttcttggtc tggttctatt ttttctggat 240
 gaactttctg ctctagagca gcaagttcat 270

<210> 15320
 <211> 240
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963085H1

<400> 15320

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 tcaaacaaca tattgaaata tggctttaac tgtatcttga ttattttcat caggttagtt 120
 tccatagagg aaattcatgc caaaaattac aactggggtt cattgggttg tttcatgaac 180
 aagacagggt ttagatttg aagtatgctg ctgaaacaaa tattcttttt acgaacgaat 240

<210> 15321
 <211> 270
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963086H1

<400> 15321

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 ggatgatcca tttagtgtg ttgatgcaca tactgccact aatctgttta atgaatacat 180
 catggatggt cttaaagaga aaactgtttt actcgtaact catcaagttg actttcttcc 240
 agcgtttgat tctgttttgt tgatgtcaaa 270

<210> 15322
 <211> 269
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963087H1

<400> 15322

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ctctcgaggt tgetgttaag gctgctgttg gtgctccaaa tgttctcgga gattgtccat 120
 tttcccaaag ggtcctctta acttttagagg agaacaaaat cccttacaaa ctccacctca 180
 tcgatctcag tagtaaaccg gaatgggtttt tgggtgtgaa tcccgaggga aaggtgccag 240
 tgggtctttt tgatggcaaa tgggtggct 269

<210> 15323
 <211> 274
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700963088H1

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 tagcatcaac cataaatttt cgctttgcgt tccatcttct ttaggccagt ctccataaa 120
 aacacaaaaa gaccacaga gaggaacatg gcatgtccag caatggcaaa tgggaacggc 180
 tcattgaaga acttgaagct aaatgacacc aagggaaga ccatcacttg canagctgcc 240
 gtggtatatg gtcctggaga gccctttgtg gtgg 274

<210> 15324
 <211> 271
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963089H1

<400> 15324
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 cgcccagcaa tcaccacgcg gtcgacggag acgccaacga cgtcgtaga tccttttccc 180
 accgcgacga cgatgaagac ggcaagcccc aaccctcac cggggacggc gccagtcctg 240
 gaaagatatt catagggggg ttagcgagag a 271

<210> 15325
 <211> 269
 <212> DNA

<213> Glycine max

<223> Clone ID: 700963090H1

<400> 15325

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ctccttctgc ctctcaaaac acaaacacaa acaccttcac gtaagctctc attccaccac 180
aacgtcacat caaccgtctc actaaccgta ggctcgcccc cacagaacgt taccatgggtc 240
ttcgacacag gcagcgaact ctctgggt 269

<210> 15326

<211> 270

<212> DNA

<213> Glycine max

<223> Clone ID: 700963091H1

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tgagcaacaa cacatttaga aagaagggtc gaaggttttg ggctgtact ctaaacatta 120
atgtcatatt cttttcttat tatttatgat attcattttt taagcaattt ttattgcatt 180
tatgattttt ttttttgttt taaacatgac ttgatttata taattttctc cgctccaagt 240
cgtcgaagaa ggagttcact gtgttctctc 270

<210> 15327

<211> 259

<212> DNA

<213> Glycine max

<223> Clone ID: 700963092H1

<400> 15327

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gcacggttgg ttctgccatc gaagacattg attttttcga ggaacactct tctgggtttg 120
atctcccctg ctctaatac agcaagaggg agcatcagat tcaagcattt ccttgcattc 180
gaggtcattt tccgaaagaa gtattgcca ttatattctt cactaccaac ggtatagcaa 240

gtaagtaggc gactaattt

259

<210> 15328

<211> 266

<212> DNA

<213> Glycine max

<223> Clone ID: 700963093H1

<400> 15328

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gaagcggaag aagaagcgat gcgtttttgc ccgtgttttg gatccgagga ggccaagggg 120

gtggcggatc gcgacccggt cctgctggtt tcgggcatgg gcggctccat tgtcaattcc 180

aagcccaaga aattcgggtt caccactcgg gtttgggtca gactcctcct cgctgacgtc 240

gagttccgaa acaagatttg gtcctt 266

<210> 15329

<211> 272

<212> DNA

<213> Glycine max

<223> Clone ID: 700963094H1

<400> 15329

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ggtacgtggt ttatgttaaa gaaggagtgt acgatgagac cgtgacagtg acaaagaaaa 120

tgctaaacgt aaccatgtac ggtgacggac agcaaaagag tatcatcact ggcaacaaaa 180

atttcgtgga tggagtcagg actttccaaa ctgcatcatt cgttgtactt ggaggtggat 240

tcttggcgaa agacatggga ttcagaaaca ca 272

<210> 15330

<211> 272

<212> DNA

<213> Glycine max

<223> Clone ID: 700963095H1

<400> 15330

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gcgctcctat tttcatttac atcttcttca gcagatactc atgaaaactt tgttcaatgt 120
 ctttataatt atcccaatag cggaacctca atctccaaag ttgtttacac ccagaccaac 180
 tctcatata cgtctacact agattcttcc attcaaattt ctaggttctt aaacgcaagc 240
 tcaaaacccc ttgtcattgt gacacctttg gt 272

<210> 15331
 <211> 270
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963096H1

<400> 15331

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 atttcatttt ttttattctt tctcctttgt catcctcaaa atccccgacc ttaattgctc 120
 cgaccccaac aaaaaacaaa acaagcaagc catggattcc tcccagatcc atggcttgctc 180
 ctcgtaaatt cagaacttta caagtcaaac ttagaccacc attaactgaa aaaaccgcag 240
 aagaagaaga ggatcaatct cagaagggtt 270

<210> 15332
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963101H1

<400> 15332

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 ttttcggtga atgagactct agcatggaaa gaaggaagtg agtttctttt cttattttga 120
 acaccacagt gatgaacgaa caccatttg aggactgtta acgttccata ttaacatctt 180
 tgctggttac acttgaagtt agaagcctca agtgaagtgt acttgcattt tgttcttgga 240
 aaagttcagt tgaatggg 258

<210> 15333
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963102H1

<400> 15333

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cgatcatttt ccattgggtg gaagaaagtc tcaaccttta gtcgaaagag caaggatctg 120
agtgagttag cgatcatgtg tgggtggtgcg attatctccg acttcattcc agcgggtccc 180
gccggcgggg cgcacgcgtg accgccgaca tcctgtggcc gaatttgagg aagcggttct 240
cgaagtcgct gctg 254

<210> 15334

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700963103H1

<400> 15334

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ttaaaacctt atttcctgga ggcataatga ccagttagga agggtagacca cttecttctg 120
agagggggaa tgaggagtgt tgagttcaag gttattgaaa ctgaccttc tgagtactgt 180
gttgctgccc cagacacaga gatcttctgt gaaggagagc ctgttaaaag ggaagatgag 240
aatagattag acga 254

<210> 15335

<211> 247

<212> DNA

<213> Glycine max

<223> Clone ID: 700963104H1

<400> 15335

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taaattgttt tgggtgatca attgatctct tgagtactca gatcagtgtt ggacaaggac 120
aagtaaccaa aattccaaga agggttcatt aatacatggc cttagagcac tacctttcgc 180
aggaatggaa aaccagcccc agcccgatcc cgagcccat gacagtgaca gataaccttg 240
atgggtg 247

[illegible]

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<212>	DNA
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<400> 15337

<210>	15338
<211>	250
<212>	DNA
<213>	Glycine max

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68:65

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 tgagatatta aactcatccc tctgccacat catcgacatc ccttcaccag acctcactgg 240
 tcttgtaac 250

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 <213> Glycine max
 <223> Clone ID: 700963108H1
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 ccgccgccga acggatcgac gatgaagacg accttctgat ccgtcaagtg gtgccggatg 120
 cggaggacca ccacctgctc aacgcggagc accacttctc cgccttcaag acaaagtctg 180
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 tgctccgcgc 250

<210> 15340
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963109H1
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 attgttgcat tggctgtggt actgcttctt acagggacct cttcagctaa cctctcaaag 120
 aacttctatt ccaagacatg tcccaacggt ttcaacactg taaaatctgt agttaaatct 180
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<210> 15341
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 aaagactcgt catccactac ctttgctgca aatgcgcttc gcaacatata ggggttccca 180
 taatcgccga aattgatctg tacaagtacg acccttggga ccttccagga atggctttgt 240
 acggagagaa agagtgggtat tttttcacgc cgagg 275

<210> 15342
 <211> 274
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963057H1

<400> 15342
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 ttctaaaggc tacattttcc atggaactgt cagaagacgt gctactctga aatatcaaca 120
 cttgctcaaa ctccacggag cactctcttc aaggcagatt tcttgaatta cgaatctctt 180
 tgctcagcaa tttctggatg cactgcagtt ttccatcttg cttgccctgt accctcaatt 240
 attgttccca accctcaggc aattcttttt atat 274

<210> 15343
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963058H1

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 tgaagtaaata ggcggatccg gccggaatcc ggctccgtga gtgggtgcaag cgtgggtgtt 180
 cggcggcggc gttgataggg ttacagtgcg gtgacgattg ttgccaacaa gagtgaagca 240
 tgctgagcgt gctgcgcgtg caccttcctt ctga 274

<210> 15344
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963059H1

<400> 15344

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 ttgttgctga gaaagagcaa agaagaagaa taagaagaag gttttgatcg gatgcgatga 120
 gcacacaagg acaagtgatt gatgaggcgg ttctggatga cataatccgg cgcctaacgg 180
 aggtccgatt ggcccgaccc ggaaagcagg ttcagctctc cgagtctgag atcaagcaac 240
 tttgcgtcgc ttccagagac atcttcatta a 271

<210> 15345
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963060H1

<400> 15345

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 gatctcggaa ccacctactc ttgtgtcggg gtgtggcaac atgaccgagt tgaaatcatc 180
 gccaacgacc aagggaacag aacgacgccg tcttacgtcg gcttcactga taccgagcgt 240
 ctcatcggtg atgcggctaa gaa 263

<210> 15346
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963061H1

<400> 15346

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 gctgctgctg aaccccaccg tgggggagca ggacgagcag aacttggtgc tccagtacca 120
 caaaggcgcg ctctcaagg ggaggatcac cgttaacctg ttatggtacg gcagcttcac 180

cccagatcca acgctccaca atcggtgact tcataaagtc gttaagctcc tccccggggg 240

ccccacttcc ctcggtggca tgggtggtgga aga 273

<210> 15347

<211> 271

<212> DNA

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<223> Clone ID: 700963062H1

<400> 15347

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catctaaagt ctgttaagga tagttcggag ctacgttctg ctattgaaga tgtacaggca 120

gaaaaagtta agtttcagct tagactgggt caaagcaaac ctatttataa tgcattcaaa 180

gccattcagg agtctcctga ttggcagaca ctcagtgatg ctcgaaaacg tattgttgaa 240

agccaaataa aggaggcggg tcttaatgga g 271

<210> 15348

<211> 113

<212> DNA

<213> Glycine max

<223> Clone ID: 700963063H1

<400> 15348

gaaaagaatt ctgaaaaaaaa aaattaaact aagaggttcc ctttcgcagt tagtggcact 60

gcatgtgaat aacaatttga catttcatca gtctcgattc ataggacaaa tgg 113

<210> 15349

<211> 263

<212> DNA

<213> Glycine max

<223> Clone ID: 700963064H1

<400> 15349

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aaattctaag caatcaataa aagatggcag atggtgagga tatccaacct cttgtttgtg 120

ataatggaac tggaatgggtc aaggctggat ttgctggaga tgatgctcca agggccgtgt 180

tccctagcat tgtgggtcgt ccacgccaca ctggtgtgat ggttggaatg gggcaaaagg 240
atgcatatgt tggatgatgag gct 263

<210> 15350
<211> 252
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700963065H1

<400> 15350

cttgtttcgg agcttctcag ggaccaaatt acaggggatt cttccatggt caaagatctc 60
caattgtcca gcatattcac attgttttca tgttaattgt ggtggaaaga atgtaaagg 120
gatggaaaat gatgaaaata ttcactatgt aggagatgga ggtgtgttag gtagcgggtgc 180
tgctaataatt tcattgatca tganaatcac tggggatttc ttggatgatg gtgatcgatt 240
aaattcacgt ta 252

<210> 15351
<211> 269
<212> DNA
<213> Glycine max

<223> Clone ID: 700963068H1

<400> 15351

aacctgtcac gactacgggg caggagatag atgtattgta tcaaaagggtg gacaacatca 60
acgatctgaa aggtttcaat tgggaatctg atgtaggctt tggagggttct tctacttccc 120
aggatgcttt caatttatca attataccac accagaggat tccagtgatt gaggtagtg 180
atatgaatat ggaaggacct tatgatttat catgcaatgg agaagctggg aacaaaagcc 240
ttcagatcat tagatactct ccttataaa 269

<210> 15352
<211> 264
<212> DNA
<213> Glycine max

<223> Clone ID: 700963069H1

<400> 15352
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 tatgcaagta gatagagggt cttcttggtt gcctgggtccc tcagaaaacc tagcacatct 120
 ttctggctct cctggtcaga tgagtgtctg tgctaatacag cttcgttcgg ctcctgggggt 180
 gacaccagag atggagaagg cactgcttca gcaggatcatg agcctcacac cggagcagat 240
 aaatctcctg cctccagaac aaag 264

<210> 15353
 <211> 272
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963070H1

<400> 15353
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 agcgaaagca gcataagaag ttgtcaacct ggaggatgtc ttgactgta aatcaccaca 120
 aatttccttc aaaataattg agtgactggt tcagtgttgt actatccttg tgatagcgcg 180
 cttttatatt tccttctatt tttgtcaaatt attttctttt tttccttttt ctctcttcat 240
 tcagaaaaca atgtctcgct gctgatttgc ag 272

<210> 15354
 <211> 272
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963071H1

<400> 15354
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 tggctctttc taagcttata attgcttccc ttcttgctgc gcttctcctt cttcatttcg 120
 ttgatgctga tcaatcggca catgcacaaa cgcaggggtc tcttcttcag cagatagatt 180
 gtaacggagc atgtgctgct aggtgccgtt tatcatctcg tccacgcctc tgccaaagag 240
 cttgtggaac ttgtttaga cgctgtaact gc 272

<210> 15355

<211> 275
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963072H1

<400> 15355

ctcgagccgc atccatcgaa tccaaataat accaaaaaac accatgatgc ttggggagac 60
 ccaccgcccc aatccaaccg tacacgtgcc accgtgggcg cgggagatct tctcaccata 120
 caccggcaat gccgattact ctccgtactc catgcaagaa gcacttagtg cacttcagca 180
 ctacgaatcc accgatgctg agtcagactc ggagggttccg tctcgggaac cggaagtccc 240
 ggtggacgct tactccctgc gacatttccg catgt 275

<210> 15356
 <211> 273
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963073H1

<400> 15356

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 tctgttggtg cttctagcac actttcattt gggcataagc caacttgagc tgaattacta 120
 ctctaaaagc tgcccaaaaag ctgaagagat catcaaggaa caagtcacac aactatataa 180
 caagcatgga aacactgccg tttcgtgggt cagaaatctc ttccacgatt gcgtgggttaa 240
 gtcatgcgat gcatcattac tgttagcgac ggt 273

<210> 15357
 <211> 272
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963074H1

<400> 15357

tagacacaga caccctcaga acctgaccaa aatacttact actatatacct actcacattt 60
 tacattccca cctctttcct ttccccctta ccattctcga gattctcgtt tttactacat 120
 tactctctcc ttcatactgg gtttaaggta gggtttattt aactaggaag aaagttttta 180

aagagagaga taggcaaacc gaaaagacgt ggtctttctc attgatatat acatacacag 240
atccctatgg aatgaagagg gtgctcccca at 272

<210> 15358
<211> 274
<212> DNA
<213> Glycine max

<223> Clone ID: 700963075H1

<400> 15358

tgaattggaa aatctaagag gagatggaaa aggagagcgc aaggaatatg ataggatcta 60
tgattatgat gtctataatg atttgggtaa cccagacaag agcaatgatc tagctcgtcc 120
tgttcttgga gggctctagt cctatccata tcttcgcagg ggaagaactg gtagaaaacc 180
aacaacaaaa gactctaaga gtgagtcacc atccagcagc acctacatcc caagagatga 240
gaactttggt cacttgaagt catcagattt cctt 274

<210> 15359
<211> 270
<212> DNA
<213> Glycine max

<223> Clone ID: 700963076H1

<400> 15359

caccacctta atgtaattca tgagcctaag ttccccatcc accaacattc cccgccacaa 60
cctacccttt tgagggttcgg ttgcttgga ctcacgtaac accaccatga gttttaattg 120
ccttacctgt ggccaaattc ttcaaagggt aaattctgat agggatgatg aatgtctccc 180
accacaagaa acaaagaaac ctaacaggaa agtggcaatg caagttgata gaagctggtc 240
aaggaacatg accccaccca aatatgcacg 270

<210> 15360
<211> 178
<212> DNA
<213> Glycine max

<223> Clone ID: 700963077H1

<400> 15360

agtaaattct ttttgggtatt ttattttattc agtctttcaa aatctgaaat aatacagtac 60
 cagtcagtca tattttttgt tcatgtttta ccaaagaaaa aatatgactg actgggtactg 120
 tattatttca gattttgaac gactgaataa ataaaatacc agtaaattct ttttggct 178

<210> 15361
 <211> 273
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963078H1
 <400> 15361

gtgctcatcc ctttaggggtg aaagaagaat ggtgctttcg gaggaggaaa tcggtcgtct 60
 ataccgaata aggaagacgg tgatgcagat gctgaggagac agaaattttc tggttgggtga 120
 cttcgagatc aacatgtcca agcacgagtt caagtccaag tacggcgaaac acatgaagcg 180
 cgaggacctc gtcacaaaca aatccaagaa ggacaactcc ggcgaccaga tctacgtttt 240
 cttccccgac gaacccaagg tcggcgctcaa gac 273

<210> 15362
 <211> 275
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963079H1
 <400> 15362

cattctcaga gtcacacaca cgcacatata ttttcttcat cttcgtagac cactgtctca 60
 tcatctcctt ttccttggtc tgggtggcgct cttgattttc agatgacaac agcaattggg 120
 tgaaacgtga acgccaccac cgatcgggggt ttgccaaaac cttacaatgg aggtcgaaag 180
 gatgagacag ttgatgctga tgtgggtgtag aatacgaagc aaccgtgtcg ctcttgtggg 240
 tggaaccat accgctgcaa ggttttgcag tcgct 275

<210> 15363
 <211> 272
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <223> Clone ID: 700963080H1

<400> 15363

aaaggaccac ctcaccctcc cctccatta ctcccactgc atcttcttca aattcctgtc 60

ctgaagatga cagcaaagtg gtatctcatt gtgtgtgttg tagcgatctg ggccgttgat 120

ctgggttcat catcacacca tgcccgtgcc ccagcaccag caccgtcagt ggagtgttca 180

nacctggtat tgaccttata ggattgcctc accttcgtta gcacggcagc aacgtcacca 240

agccacaggg acatgctgct cttccttgaa aa 272

<210> 15364

<211> 294

<212> DNA

<213> Glycine max

<223> Clone ID: 700963081H1

<400> 15364

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ttcccttctt ccatctttct cctttggaat tctgagaatt ggtttgaaga agagacctct 120

agatcttgat agtattaatg ctgctagaaa ggcaagagaa ggtctaagat ctgtaagacc 180

aatgatgggt gcacatgata agtttattgg taagtcaaaa ggtgaagata tagtaccttt 240

gaagaattat ttggacgctc aatattttgg tgagattgga attggcacac cccc 294

<210> 15365

<211> 277

<212> DNA

<213> Glycine max

<223> Clone ID: 700963056H1

<400> 15365

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ctgagcccat tgtccgggta cagtccttat ccgaaaactg cgaagattca atccctgaaa 120

ggtacatcaa gccttctact gatagaccat ccataaaaag ttgtaatttt gatgatgcca 180

atattccaat catcgacctt gggggactat ttggtgctga ccaacatgtc tcagcctcaa 240

ttcttaagca aatctcagat gcttgcaaag aatggggg 277

<210> 15366
 <211> 277
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963031H1

<400> 15366

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 tagcctcttc tgcattctgt gcctttccac ggaggccagt ggatgttcca ttcggcagaa 120
 actacgttcc cacttgggct tttgatcaca tcaaatactt caatggaggt tctgagattc 180
 aacttcatct tgacaagtac actggtactg gcttccagtc caaaggttca tacttgtttg 240
 gtcacttcag catgaacata aagatgggtc ctggcga 277

<210> 15367
 <211> 280
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700963032H1

<400> 15367

ggcattcacc atctcctgtg ggacacaggt atagcaggag gagcagaaga gacagaagca 60
 gatctcctta ttcatcctac tcttacaaca ggcgaaaaag tcgttctatt tcaccaagag 120
 gtcacagaag tccttctact actccaagac gtcgtagaag ccgaactcca tctgctanac 180
 gatacagaag acatagaagt aggagttcct cgttgtctcc tactcgtaaa tcttccagtc 240
 aaagtcttgg gtcaatagag cacaaagtgc aactgaaaac 280

<210> 15368
 <211> 176
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963033H1

<400> 15368

ctcgagccga gaacttcatg caaaacgagt tctacctcaa gtctttaatt ctcgaagaca 60
 ttccaaacca tggaacctag aacttcatat gtaactcctg gggttacaat tcaaaacact 120

acaagactga tcgcattttc tttgccaaca atacatatct tccaagcgag acaccg 176

<210> 15369
 <211> 284
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963034H1

<400> 15369

caacaagcaa agtacatggt tgatttggaa atccaggtcc ccacccatt cgaccggtt 60
 gccgaggcga gagaatcgga tgcccccgga gcaaaggagt atgtgcatat tcgaattcag 120
 cagaggaatg ggaagaagag tctgaccaca gtgcaagggc tgaagaagga gttcagctac 180
 gagaagatcc tcaaggacct caagaaggag ttctgctgca acggaaccgt ggtgcaggac 240
 aaggagcttg gcaagatcat ccaactccaa ggcgaccagc gtaa 284

<210> 15370
 <211> 278
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963035H1

<400> 15370

cttcaaagtt cacacacaca aaagaatgag catggctttc aatagagagt tagaagctgt 60
 aaccaagct ttctcagggc atggagtgga tgagaaatca ttggtaacat tactgggaaa 120
 atgggatcct ctggagagag aatctttcag gaagaagaca ccacatttgt tcagtgaaga 180
 tcatgaacgc cattttcaga ggtgggatga tcaatatgtc cgtcttctca agcatgaatt 240
 cgtgcgtttt aagaatgctg tgggtgcttg gtccatgc 278

<210> 15371
 <211> 277
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963036H1

<400> 15371

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cttcaagttc aaatttttcc tctcaaacc atcaatctac ggatctctca gtttcattat 120
 gttttgctgg gaattcttcg catgggtcaaa caggtggatc agatgatgac gtgggtgattg 180
 tagctgcata tcgtactgcc atctgcaaag caaagcgtgg gggctttaag gatacccttc 240
 cagatgacct tcttgccaca gttctgaagg ctgtaat 277

<210> 15372
 <211> 276
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963037H1

<400> 15372
 aattgttgta actttttgat tcctaaattc tctaaaattc gaaattctaa tttcgttagg 60
 ggaaagagat tgtttggtg tgagttagta tggctggaaa aggcgagggg cctgctatcg 120
 gaatcgattt gggaacgacg tactcttgcg tcggcgtgtg gcaacacgat cgtgttgaaa 180
 tcatagccaa cgatcagggg aacagaacta ccccatccta cgtggctttc accgacacag 240
 aacggttgat cggcgatgcg gcgaagaacc aggtcgc 276

<210> 15373
 <211> 276
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963038H1

<400> 15373
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 tagtattatc attcattctc atctttctct cttctctctc caccctaaacc ctaactcccg 120
 accctgttcc cctctcgtat ccgtcatgaa aggaggaaaag tccaagaccg aatctaagag 180
 agccgatccc aaacttgctg tgaataagaa gggagccgcc accaaggcta ggaaacccgc 240
 cggcaagggg aaggcagcga aagaccctaa caagcc 276

<210> 15374
 <211> 275
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963039H1

<400> 15374

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atgcagaaac cagcatttgt gtttgatgga agaaacatat tgaatgctga gaagttgagg 120
gagattggat tcattgtgta ctcaattggg aggccattag agcaatggct aataagcatg 180
gcctaacagg cttgaagatt atgaattgag cagagctatc aattatgtta tcctttgtga 240
catttcacca cttgctatctt ttcattgattt caagc 275

<210> 15375

<211> 274

<212> DNA

<213> Glycine max

<223> Clone ID: 700963040H1

<400> 15375

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aggcaaagtg agtgccgcag ttaaagtctc agctcccaa gccacaaggc tgggcatcaa 120
ggcttcgctg aaagacgttg gagtcgctgt tgtggccact gccgcgagtg cagtgcctggc 180
tagcaacgcc atggccattg aagtgttgct ggggtggatg gacgggtctc tggctttcgt 240
tcccaacaat ttctccgtgg cctctgggga gaag 274

<210> 15376

<211> 280

<212> DNA

<213> Glycine max

<223> Clone ID: 700963041H1

<400> 15376

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caaggggaaa atgcatctcg cgacgatccc gaagaccag ccaagtctcc accaagctcg 120
cccaactcct cactcgcga ggcttgctgc tttgttctcc agagttgggt ctctaagaaa 180
tttatgactg gatgcgtagt tctttttcca gttgctgtta ccttcttcat tacatgggtg 240
tttattcagt gtgttgatgg tttcttttagt ccaatatact 280

<210> 15377
 <211> 275
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963042H1

<400> 15377

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 gcgttatact gcatgcgtca aatctattca gagatgctgt tccccctatt gtgtcattta 120
 accttggttc ccttggtttt ctgacttctc atgattttga agattacaag caagacctac 180
 gacaagtcac ccatggaaat aatacacgag atgggtgtgta tattactctt agaatgcgcc 240
 tccgatgtga aatttttcgt aaaggtaaag caatg 275

<210> 15378
 <211> 278
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963043H1

<400> 15378

aagccaagtg aaagtgagag aaaaataaaa atcaaagagc ataatgtcag ggatcattca 60
 caagattggg gagacccttc atgtgggagg gcacaagaag gaggaggagc ataaggggtga 120
 gcaccatgct ggagaataca aaggggagca ccatggtgaa cacagtagtg agtacaagg 180
 agagcatcat ggtgaacaca aagctggaga gtaccatggt gagcacaagc cagagcacia 240
 agaggggttc ctagacaaag tcaaggacaa gatccatg 278

<210> 15379
 <211> 277
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963044H1

<400> 15379

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 cgtagaagaa cgtgatatgg catgccaatc tgagcttgag tcttccaaaa agcagctctc 120

agttgagtct gctgccctgg cctctgcaac gaacgaaatt cagatgctca aggcgcaact 180
 tgaattggta gctaattgtg agagtgtgca atctcaacac gcagaatcag cagacattga 240
 gcttcttaac ctgaagcaga acttgctccga aacgctt 277

<210> 15380
 <211> 275
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963045H1

<400> 15380

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 ttgaagggaa aatatcgtgg tgacggtcca tgcatagcca caaaccatcg cgacaggtgt 120
 tggaggtgtg accccaattg ggccaacaat cgccagaagc tcgcagattg cgtccaaggc 180
 ttcggtagaa acaccgttgg aggcaaaggt ggaccattct acgtgggtcac cgatccctcc 240
 gacgatgata tgggtgaacc taaaccgggc acgct 275

<210> 15381
 <211> 274
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963046H1

<400> 15381

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 tggttggtgt tctgtcact ctaaattggag atcttaaaaa ccagtttgta gaaactaatg 120
 ttgggtttga cacaatttgt aagggttaatt ctcagctcat cagcaatgtc tgcaccgatg 180
 ctctctctgc agagaagtat tattatttca tccgtcttat gggacgcaag catcacatgt 240
 tgctttggaa tgcaccctcc agtcccatcc aaac 274

<210> 15382
 <211> 276
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963047H1

<400> 15382

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 gatcaaatgg cagccatggc tatgttgctt ttgtcaccac tctctgggtca aaaccatggt 120
 ctttctttcc catcatcgcc atcaccacca ccacctaagc ttcataaccg tcctctgtat 180
 ctcaccaatt tgcctcattt gccccaaagg ttgaaacttt ccttcgccgg agggcccggc 240
 ggagatgggg tcggacgtgg tgggtggcagt ggtggc 276

<210> 15383

<211> 278

<212> DNA

<213> Glycine max

<223> Clone ID: 700963048H1

<400> 15383

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 gaaattaaat attgtttaca ggaaagatgt caagtggagc aacacactgg tgttatgcat 120
 gcagacagcc aattgtgctt gatgggagag atcctgtttg cgcttactgt gatggaggat 180
 ttgtgcaaga acttgacgag ttgcgaggaa ttgcaccaa ccataaccat accttttcgt 240
 cacagtcagg agactttcat caaatgcctg acattttc 278

<210> 15384

<211> 279

<212> DNA

<213> Glycine max

<223> Clone ID: 700963049H1

<400> 15384

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 tttcttgac cgaccgtct cgggttacc ggaaaccgcc gcgtccgctt cagcctctcg 120
 ccatcaacaa acgcagcgtt atggagtggc cgagcgccgg ctgcgacgat ctcggcgatt 180
 ggtctcttcc accgaccca agagtgtcca ccataacacc agatgagggt tcgggtaaag 240
 tatttcaatt caagaaagac tattatgcgt tctacgaca 279

<210> 15385

<211> 279
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963050H1

<400> 15385

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 aagaagaggg gccacgtcag cgctggccac ggtcgaatcg gaaagcacag gaagcaccct 120
 ggaggacgcg gtaacgccgg aggcattgcac caccacagga tcctcttcga caaataccac 180
 cctgggttct tcggcaaggt aggaatgcgc tatcttcaca agcttcgcaa caaattctac 240
 tctccgatcc tcaacatcga caagctgtgg tccttggtc 279

<210> 15386
 <211> 275
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963051H1

<400> 15386

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 gatcgtgctc ctgttcacgg tctttgccgt ttctccgcc ctagacatgt cgataatctc 120
 gtacgacagc gccacgcgg acaaggccgc cacgttgccg accgaggagg agctgatgtc 180
 catgtacgag cagtggctcg tgaagcacgg gaaggtgtac aacgcgctcg gcgagaagga 240
 gaagcgcttc cagatcttca aggacaacct gcgat 275

<210> 15387
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963054H1

<400> 15387

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 ccaaacaaga agaaccacac aatggccgat caacttaccg atgaacagat ctccgagttc 120
 aaggaaccat taagcttgct cgaaaatgac ggccaaggat gcatcacaac cacggagctt 180

ggaactgtta tgcgttcatt ggggcaaaac ccaactgagg catacctcca tgacatgatc 240
aatgaagtgg atccagatgg gaatg 265

<210> 15388
<211> 278
<212> DNA
<213> Glycine max

<223> Clone ID: 700963030H1

<400> 15388

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ttcttaataa atacagaaag aaacaaaaaa gaaaaaagtt tataggtgcc tagaagaaaa 120
gacaatatag tgtggagcaa ttacgtttga tcacaaggga aattaggggtg caacgggtttt 180
gcaagatagc atagaagatt ttgaagaatc ttagttgcaa tatagttgtg cagttgttga 240
aatgggggct cctttatcag catggccttt ggagaact 278

<210> 15389
<211> 279
<212> DNA
<213> Glycine max

<223> Clone ID: 700963006H1

<400> 15389

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gtcttctgcy ttgactgcac tcacaactat gacttatctg atattaaggt ttcagtgagg 180
tgtgatggtg tgaaaaaact ggctttggca actacagaaa atgatggctc cttcaaggtt 240
gatcttcct tagaccacac aaaaccttct tctgtgaag 279

<210> 15390
<211> 282
<212> DNA
<213> Glycine max

<223> Clone ID: 700963007H1

<400> 15390

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catcattcat ttctctgtt tcaggcatag ctgaaggtgc tgcattgctg ctttcccaaa 120
catatcatgg tgatagagtt attgctgtct atgacgatga ttactctagc ataatatcat 180
atgcccttag ttccaaggaa tatgaagatt ggggtgtctg taagtcagat atgcaagaga 240
gtaactggat tgctcgtgag agaagcaaag aagatttagc tg 282

<210> 15391
<211> 280
<212> DNA
<213> Glycine max

<223> Clone ID: 700963008H1

<400> 15391
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gcacacactc tccttcttac aggggatgga cgtgtttatt cctggggaag aggaatactg 120
ggacggcttg gtcaagggtc tgaacatgac aagcattttc ctgttgaagt caagtttgga 180
tcagaagaag acagcgtaag aatagtggga attgccgctg gtgcttatca tagtcttgct 240
ctagcaggct tctccacaga tgcgataat gtccttggt 280

<210> 15392
<211> 249
<212> DNA
<213> Glycine max

<223> Clone ID: 700963009H1

<400> 15392
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caccagaca cccacgttgt gttatgttat gtcttatgtc tcctatatcc atcatattaa 120
taattaaacc aatctaatta aataataata atttaacttc accggaatca acgctctcca 180
cttggcttca caaatctgaa agaacacatt aaccactcct ctctttgttc tcttctttcc 240
acacaacat 249

<210> 15393
<211> 284
<212> DNA

<213> Glycine max
 <223> Clone ID: 700963010H1
 <400> 15393

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 ctgcttcctt atcagaagcg cttcgcccca gagattctcg cttcctctcc ttcaatcctt 120
 cttccaacgc tattaattac aaaattaacc tctccgcttc cctccgatcc attcaactccc 180
 tccctcttaa aacctccttg cggatcaa at gctcccaa ac agatgggaat ggaagtcttg 240
 caaagaggac agtgcttcat gatctttatg agaaagaagg gcag 284

<210> 15394
 <211> 282
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700963011H1
 <400> 15394

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 cagttcttcc taatcgaaac ggttcctaaag tagtgaataa acaaattctc gtgcctaggg 120
 ttttcccttt tcttcgattc acactcccag agcgaacgaa ccgtcatggg aggaggcgag 180
 gagaagcgac accagatgat gcagaacctc ttcggagatc aatcggagga ggaggaagag 240
 ctcgacgtcg attccgagca cgaatcgaac ccgcaacaaa at 282

<210> 15395
 <211> 253
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <223> Clone ID: 700963012H1
 <400> 15395

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 aattgttacg aaatgcaaca caacatcttc gcctcaccgc gtacnttgaa gatcatggac 120
 ggttgcaagg gcaactcaggt ctacgccatc aacctctcca gcgccaccgg cgggtggcaat 180
 tggcgagaag cttctccaac agcttcacga ccacatcaaa agccacaccc ttagaaccaa 240

atcggttcgg aac

253

<210> 15396
 <211> 283
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963013H1

<400> 15396

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 gtggagatgg atggttttgg aaccacttct ggagttgttg tgttggcagg aacaaatagg 120
 cctgatatct tagacaaagc tcttcttagg cctggtggat ttgaccgcca gataacaatt 180
 gacaaacctg atattaaagg tcgtgaccag atatttcaga tctacttgaa gaaaatcaaa 240
 cttgatcacg attcttcata ttattctcaa aggcttgcag ccc 283

<210> 15397
 <211> 281
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963014H1

<400> 15397

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 acttgacact gagggtaatg aacttccacg tttagtctat gtttctcgtg aaaagcgtcc 120
 agggttccaa catcacaaga aagctggtgc catgaatgcc cttgttcgag tatctgcagt 180
 ccttaccaat ggacctttct tattgaatct tgattgtgat cactacataa acaacagcaa 240
 ggccttgagg gaagctatgt gctttatgat ggatcccaat c 281

<210> 15398
 <211> 285
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963015H1

<400> 15398

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ttcaggaagg attggttaaca tgtatgaaga atgaagacgg atcagaagaa tggggatatg 120
 tgcaagttag accaaaagcc cacttggttct ggtggcttta cagaagtcca tacagagtgg 180
 agaatccctc caagctttgg ccaatcattc tctggcttca aggaggacca ggctcttcag 240
 gagttgggtt tggaaatttt ggagaggttg gtcctttgga tgcta 285

<210> 15399
 <211> 285
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700963016H1

<400> 15399

atgtgacaat ctgtgcaaga actgcaagag acctggcat tatgcaagag aatgccctaa 60
 tgctgcaatt tgcgcacaac tgtggcctcc ctgggcataat tgcttctgaa tgtacgacaa 120
 agtcactgtg ctggaactgt aaagaacctg gccacatggc cagcagttgt ccanatgagg 180
 gtatttgcca cacctgtggt aaagctggac accgtgctag ggaatgctca gcccctccaa 240
 tgccctccagg ggacttaagg ttgtgcaaca ctgttataag caggg 285

<210> 15400
 <211> 284
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700963017H1

<400> 15400

gagatcattt gtccgcagca aaacagacaa gatcattcat ctttccgaag atgggaaatt 60
 agaagagatt atgcatgcaa aatcatgttc tgatctttat aaagttattg gtgaggattt 120
 ttggttggtt acctggtgca acagtactgc atttgaaggg aagcagcttg aaggaactag 180
 gataaacctt gtaaaaatgg gagagcatgg ttttgacttt gcaatcanaa caccttgtac 240
 ccctgctaga tgggaagatt ttgacgaaga aatgacagtg gcat 284

<210> 15401
 <211> 284

<212> DNA
 <213> Glycine max

<223> Clone ID: 700963018H1

<400> 15401

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 ttcattaagg attctctaata gttggcacia atggacatgg aggagcttgt ctcatgtaac 120
 aacaacgatg ccaccaacat agccaaaggg aagcgcacia agcggcgctt gaggcctttg 180
 tctccttggt ctgttgctgc tgctaccact atcaccacca ccaccactgc tatcaccgct 240
 atcaccaccg tcatgacatc tagctgttca agtgcttctg ccgg 284

<210> 15402
 <211> 280
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963019H1

<400> 15402

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 tgggagcgaa caagttcccc gagagacagc cgattgggac ggcgggcgag agccaagacg 120
 acggcaagga ctaccaggag cggcgcccg cgccgctggt tgacccgacg gagtttacgt 180
 catggtcgtt ttacagagca gggatagcag agtttgtggc cacttttctg tttctctaca 240
 tcaccgtctt aaccgttatg ggagtcgccg gggctaagtc 280

<210> 15403
 <211> 277
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963021H1

<400> 15403

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 ttatgcaact ttacgggcgc acaagagcgt ggtgaagcgg tcgaagaagt acttgaaga 120
 agcgctttac atgaagctct tcaaagatgg aagctcccag ctcatcgctt gccagagcct 180
 caacaacttc gtcaagagcc gaaagcgcgt ttacaaatgg gaggtaggcg acacgctcaa 240

277

<400>	15404
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<400>	15405
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<400> 15406

6890

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 ggaagcacia aagcttcttt tcttagtggg aggaaactga aggtgaacia ctttacagca 180
 ccagttggag cacgatccag cactacagtt tgcgcagttg ctgagcctga taggcctctg 240
 tggttccag gcagcacccc tcttccatgg ctagatggc 279

<210> 15407
 <211> 283
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963026H1

<400> 15407

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 acctccagct ttttaattcca tttttcgttg attcttcctt ccttcttcat ttctctttaa 120
 tcccaaacia acgctgcctt ctctgtttctt ctattttgac tttcaaactg cgtgcacttc 180
 tactttcctt cccttcactt atcgtctctg caattgtcaa tgatcttcag tcttcgcttt 240
 cccattcggt tttgaactat tctcttttta ccttaaaaca cac 283

<210> 15408
 <211> 281
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963027H1

<400> 15408

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 caccacacia aacatcttca ccgtcatatt cctcctcctt gcaatattat tcagtctcac 120
 acccacaag gccaacggtg ccacgtgtca ccctgaggaa gaagcggggc tgttgggctt 180
 caaatccggt atccgatccg acccgtccgg cctgctcagt aactggatat cgggtacgga 240
 ctgctgcaca tggaccggag tagaatgcca ctataacagc a 281

<210> 15409
 <211> 279
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963028H1

<400> 15409

cacagtcac gtctgttcag gatcatattc acgccccctc tctctctctc tctctctctc 60
 tctctcttac tttgtgtctt tctatctctc tcttcaattc caaaacccta ccccatcca 120
 attccaattc accctcaatc atgggttctg aagggtccac tgcgctcggc cattattcaa 180
 cctcttcaat tccatcttca tttcctaata tcttttttcc ttctctctat caattactct 240
 tgtggttcgc taattataat tatgagtttt tgggtgttc 279

<210> 15410

<211> 286

<212> DNA

<213> Glycine max

<223> Clone ID: 700963029H1

<400> 15410

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 caattgcatt tctctctctt tctcacaatt tccactttcc gggtttttga ttcgatattc 120
 gttgttccaa tgagcgatca cttggtggtg ttcggtgacc gtctcgcgcg cctgtgcccc 180
 gttgatccgg tggcgcagac ggcgcaggtg ccttccgaac catctccacc tccggccgcc 240
 gtggatgccg acgccgccgg gagctccggc acctcaccgt cggagg 286

<210> 15411

<211> 278

<212> DNA

<213> Glycine max

<223> Clone ID: 700963005H1

<400> 15411

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 tgggcgatga actccgtgga cactcaaaag catcggagga tcacaaatgg ttaatggttg 120
 cttcgaaatt ggcggaacag acaagattga agggggagcg tgtgaacaac cttgatcttt 180
 caaagggccc cattgaaata aggtcaaggg ataaatttgg gttccaggaa gagaacaaat 240
 ttgattctct taacttaagc atgttgaacc tggactct 278

<210> 15412
 <211> 244
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962976H1

<400> 15412

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 agcattgtta gtgatggatg gagtgacctg caaagaagat ctcathtaatt tcatggttgt 120
 cccggagagt ggacctatgt ttttaaaggc cattgattgt tcaaatagaga tcaaagacaa 180
 tgatttcatt gccaaacata tgagggagta attatggagg ttgggcactc aaatgttgtg 240
 cgaa 244

<210> 15413
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962977H1

<400> 15413

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 taccatcggt agcatcaagg cccgccagat ctctgacagt cgtggcaatc caactgtcga 120
 tgtggatttg acttgctccg atggtacttt tgccagagct gctgttccaa gtggtgcac 180
 cactgggatt tatgaggccc ttgaattgaa gatggaggat ctgactacct tggaaagggt 240
 gtatcaa 247

<210> 15414
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962978H1

<400> 15414

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 aaacttcagc ttagagcaaa acaataaata aaaaatccac cttttctatc aacctctagc 120

tatatccatt tttatccaaa tgacagaaaa actttccaac aatccatcct tgaacgtgcc 180
 tttactatcc gagtggaatc accatgatga gggaaagcca tagcctctca tccttctacc 240
 aaaaatactg t 251

<210> 15415
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962979H1

<400> 15415

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 gcaataacaa catcagcgat ccaaccttag tattcttcaa cccagagaga tttgtaataa 120
 taaattacaa caacttaaac gatggcagga ggagcttatg tagattcggg aaatgcaaag 180
 caatttgatg ggaagggtcac ggcattcgtc attgttacat gctttgtggc agccatggga 240
 ggcttactct t 251

<210> 15416
 <211> 224
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962980H1

<400> 15416

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 tacgttcac ccaatattga acccccatt ttatttcata aagacacttt gccacagctc 120
 cctatcatcg acctaaacaa gttattgtct gaagatgtta aggaactgga aaagctagac 180
 tttgcttgca aggaatgggg cttttttcag cttgttaatc acgg 224

<210> 15417
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962981H1

<400> 15417

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gatagagagt agcatcaata atgtattgtg actgaaaaca aaataaggga agaggagcac 120
aaacaaaacc aaacaaacct cataagttag ggattccttt ttggttcgtt gctgtggaat 180
cgattccttt gccacatatt aaacgtgcgt cgctgtgaag taaagcatga tcgcagcatt 240
gtctgctagt tatgac 256

<210> 15418
<211> 248
<212> DNA
<213> Glycine max

<223> Clone ID: 700962982H1

<400> 15418

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cacaagattg gggagaccct tcatgtggga gggcacaaga aggaggagga gcataagggt 120
gagcaccatg ctggagaata caaaggggag caccatgggtg aacacagtag tgagtacaaa 180
ggagagcatc atggtgaaca caaagctgga gagtaccatg gtgagcacia gccagagcac 240
aaagaggg 248

<210> 15419
<211> 243
<212> DNA
<213> Glycine max

<223> Clone ID: 700962983H1

<400> 15419

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tgtcttcgcc gcacgccgaa acaatggccg gaaaaggaga gggctctgct atcggaatcg 120
atctcggaac cacctactct tgtgtcgggtg tgtggcaaca tgaccgagtt gaaatcatcg 180
ccaacgacca agggaacaga acgagccgtc ttacgtcggc ttcactgata ccgagcgtct 240
cat 243

<210> 15420
<211> 244

<212> DNA
 <213> Glycine max

 <223> Clone ID: 700962984H1

 <400> 15420

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 tttttattga accgaaccga accgacctga atccacagtg tgcttcctcg tcattctcaag 120
 ttttgctcat cattctcact gcagctatta ttgactctgt ttccaaagac gcaatggcat 180
 ccttagatat tcattcactg cttttattct ctgccatttt ccgtgttatt ttgattgtgt 240
 atgg 244

<210> 15421
 <211> 244
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700962985H1

 <400> 15421

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 agacttcaaa tcaaagcaaa agttatatta tatagcatag agtttgctat acagtttata 120
 ttacaagttc ttgaaaagaa tcagtgccaa aaacttgaca ccaggagagg aatggggctt 180
 gtaaaaaaaaa ttgggaagta tcagctggta ggacaattgg agaaggtaca ttctctaagg 240
 ttaa 244

<210> 15422
 <211> 245
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700962986H1

 <400> 15422

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 gatgatacca gaatgtccat agcttctttc tacaaccctg gtgatgatgc tgtcatttct 120
 cctgcaccgg ctttggtgaa ggaattagat gagacaagcc aagtgtaccc gaaatttgtg 180
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gaagc

245

<210> 15423

<211> 237

<212> DNA

<213> Glycine max

<223> Clone ID: 700962987H1

<400> 15423

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ctcatcgaaa tgggagaaca gaatgacatt acgctgacat gggagacttt ggaagctact 120

gttacaaatg gaaagaaccg aaaactaatt cttcatgggc ttacagggtta tgcccagcca 180

gggagacttt tggctataat tggctcctctg gcagtggcaa atccacactt cttgatg 237

<210> 15424

<211> 244

<212> DNA

<213> Glycine max

<223> Clone ID: 700962988H1

<400> 15424

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ctttcaagat ttcgacgtcc ttcttcttat tgcgccaaag ttattgattt tctcctttcc 120

cgtatttgaa tcgtttattg gtcattttcg tgcgggttaa tttcttgctg aaaaaaaaaa 180

gaaagaggaa ggattaggag acgctttaat gacctagatt agtttaataa taccacgttt 240

gaaa 244

<210> 15425

<211> 243

<212> DNA

<213> Glycine max

<223> Clone ID: 700962989H1

<400> 15425

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gtaccctctt cccactgtcg ttacagttcc aattttccta acacaacttt cacttaacat 120

gttttccaat tttggaacga ttccaattac ctgattttgg ggggttttct gaagcatgat 180
 tgctggaacc ttgaacaaga ttcgaaagca cttgagctct tgcagccaga cttggtgctg 240
 ttt 243

<210> 15426
 <211> 242
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962990H1

<400> 15426

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 atgagcactc caccttagcc tccaagttcc gcaaccacca gatcacctcc aataacaacg 120
 cgcccaaaaa cgccgcggcg ggggtctctca tgctccaaca ccaactcttc agagactctg 180
 gtcttctcaa catgcctctt tcttgccccg gaaacgacgt cgtgggttgac gcttctacct 240
 tc 242

<210> 15427
 <211> 242
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962991H1

<400> 15427

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 gtggagggag cgcaaagtta acgccc aaat cacggttgat gctgacactg agtccgtttg 120
 gaatgctctc actgattatg agcatcttgc tgacttcac ccaaattcttg tgtggagtgg 180
 gagaattcct tgtccgtacc caggaagata tggtagagc aaaggggatt ccaaagggca 240
 at 242

<210> 15428
 <211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962992H1

<400> 15428

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 aaatgttgag tggatgggtt aaggaactta ccaaagggag ctataaaatc aagtatcatg 180
 ctgatgggat tgacaaggaa cctattgaaa ttgactttac tcctcctttt agaaggattg 240
 acatg 245

<210> 15429

<211> 246

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700962993H1

<400> 15429

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 aactaaaaag gttattgctc tattattggt tgacgatggc tgatgctcat gggactgata 120
 agaacattga ggtgtggana atcaagaaat tgatcaaagc tcttgaggct gccagaggaa 180
 atgggacaag tatgatttcc cttatcatgc ctccacgtga tcanatatct cgtgtcacca 240
 agatgc 246

<210> 15430

<211> 245

<212> DNA

<213> Glycine max

<223> Clone ID: 700962994H1

<400> 15430

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 atgtttggac cagatatatg tggttcacag acaaagaagc tccatcttat actatcatac 120
 caggggcaga attaccccat tagaaaagat ctgcaatgtg aaacggataa gttgactcat 180
 ttctatacat ttattctaag gctgatgct cttatagtat ccttgttgat aatcgggaaa 240
 gagat 245

<210> 15431
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962995H1

<400> 15431

gagaataatc atattttatta ttaaataagaa aaaatggccc gatcatttat caaaggccaa 60
 tcttcggtag aagagaaggt tcctttggaa cacttatttc tatttcagta taccgggtct 120
 ctttctttca tttcaaaaaa tttatagaat ttcgattttg aaatgaaagt taagtgtggg 180
 gataaatata aatgacaaaa agatattgga aataatcttg gaagagatga tggaagcagg 240
 agttcatttt 250

<210> 15432
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962996H1

<400> 15432

gcatcatcaa tggttgcac gtcttcgccc tcgagtcaac ccttttggtc cttttcaaac 60
 cccaactcat catcatcatc gctctctttc aaaaccaaag ctattaccag gacaagacca 120
 agaacaaaaa ccagaactag aacaacgagg ttaacatggc tgaatcctca ccctcgtggt 180
 gctttggttg aggcaacacc accaccaaca agtcacctcc ttccccaaaa gatggatctc 240
 tcaagtgct tgc 253

<210> 15433
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700963001H1

<400> 15433

gtttaattca ttttactttc ttaattttct ctccaacaag tatttactga gaacccagta 60
 agagacaaca gacaaggcgg gaagctaagc ataaaaaac gagcactgtt tagcacaacc 120

<223> Clone ID: 700962975H1

<400> 15436

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 ttccgcctcc gcagccgcag cctcaactcc ctccgcctcc gccgcatctt cgacatgttc 120
 gacaagaacg gcgacggcac catcacggtc acggagatca gccaggcgct gagcctcctc 180
 ggcttgagc cgcacgtggc ggagctggag tccatgacga aactctacat aagacccggc 240
 aacga 245

<210> 15437

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700962950H1

<400> 15437

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 aagaaaatag agtctgaaag caaagatttt agcactaagg aaagttctaa tggcctaatt 120
 aagaatcctg tttcaatgag aaacaggaaa tttgccagtg atgtgaaatt tgattcaaag 180
 tgccaacaag ctaccaaagt ggttgatcaa gaatgcactc ttggatctag tgaggatcct 240
 agtaatttgg c 251

<210> 15438

<211> 244

<212> DNA

<213> Glycine max

<223> Clone ID: 700962951H1

<400> 15438

ggaaaagaaa attctctcaa ttcgagacag aggtatcggt atgacgaagg aggatttgat 60
 aaagaatttg gggacaatag cgaaatctgg aacttctgca tttgttgaga agatgcaaac 120
 aagtggagat ctcaatctga ttgggcagtt tggagtcggc ttctactctg tttatcttgt 180
 ggccgactat gtcgaagtta ttagcaagat aacgatgata agcagtatgt atgggaatca 240
 aaag 244

<210> 15439
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962952H1

<400> 15439

gagcccttcc ccttcttctt cttctctctc aaatcctcct tctttttctc ttctctctac 60
 cacacaaaaa cccttaccaa gttctttctt tctaattccc ttgataatgt aaaatcacag 120
 aaaaagaaaa agctactaaa aacttggtctc taaacctttc tttttttgag gaaaacctga 180
 aaagttccac acaatgtctt ctagagcttc tctagagctt tcttcttctt catcttcttt 240
 cttatcaa 248

<210> 15440
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962953H1

<400> 15440

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 gttaatgagc ttcctcatcg tgctgtttat atttcagtcc gaggtggtat tactgaaacc 120
 ccttgctcct accaatgtgc ttcagacaga tatcttatgc ctgactgcta tacagccctt 180
 gaagagttaa tttacacatt tgggtgggctt ggctatttgg tcttttcctt attggtctct 240
 tgatct 246

<210> 15441
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962954H1

<400> 15441

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 tggttcggtt tcgctgttat caaaatccaa atcatcattt ggcgtagatg ctctttggct 120

tctttcttcac ctgcgaaggc gtttcgcaga atcctggact ccccaggggt ccaccaaggt 180
 cctgcttgct tcgacgctct cagcgccaac tcgttgagaa cgccggcttc caattctgct 240
 tcagca 246

<210> 15442
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962955H1

<400> 15442

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 ttgttttaac aaaaccata atcagatccg atcctcttga gattgggatc aacgccgagt 120
 ccatgagcac gccagcgctt tcagggggca cgggcctctt ctctgggttc actcggttat 180
 gcaagggcct tgcggtggtg cttgtttgcg gtcacattgc gggttcagttt ttcccttcag 240
 ctgtta 246

<210> 15443
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962956H1

<400> 15443

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 tacaagtcaa agatttcaaa gatggcgacc aagtccttgc taaactcact catcaatatg 120
 gaggtggggt tgccgagttt gctgtggcta gtgagagctt aacagcagcc agaccatctg 180
 aggtctcagc cgctgaagct gcagcattgc caatcgccgg gcttacagct cgtgatgccc 240
 tcactca 247

<210> 15444
 <211> 244
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962957H1

<400> 15444
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 tgatcttgca cgcaacccaaa gcaaacaaga atgctttcaa gactctgatt gcggcagagt 120
 acagtggcgt ccaagtggaa ttggccccta atttcgagat ggggtgtctct aatagaactc 180
 ctgaattcct taaaatgaat cccataggaa ggttcctgtc ttggaaacgc ccgatgggtcc 240
 agtc 244

<210> 15445
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962958H1

<400> 15445
 caacaagcca aacaaacttg gttttaattg gtataggctt gccaaaggctt tgttgattga 60
 gcgttaagtg ctttaactaa tcaatcccaa gaccttggtt taccttgcca cacaaaaaaaa 120
 tatataaaaa ggcaaaataa taataaaaaa aagagaaggc ttggagccaa gaaaataaac 180
 acaaagcaca agtcatggaa agaataatgt tggaagtga acaaagggtg ctttcaacct 240
 cttggt 246

<210> 15446
 <211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962959H1

<400> 15446
 gtaagagcag aacctaggca gtaccagtgt tcctcttcga acatggtgta ttggaagcga 60
 gaagtgaagg catatgggac tggatagaat ctcatactaa gctgccataa tccttctatt 120
 gtttattatg tgtccgtttt atgttgatc ggcgtttatg atttagtaag cttcttttca 180
 agattgttgt gataaaactt aacaaaatct aagacttgca tgtgggagta gctatatttt 240
 atgta 245

<210> 15447

<211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962960H1

<400> 15447

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 taccttatca tcgcttcgca ccaaaaacta ctacttggat actacgacca tcgccatctg 120
 tgatactgtg atatttcgtc tgcttcgagc ggcggatagc tacactagag tacaaaagaa 180
 aaagacttta ccgtggaggc acagtaccta taaattgttg ccaccacgat gacgccaaac 240
 ccaaagca 248

<210> 15448
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962961H1

<400> 15448

ctcatcgtca tcgtactact actaccacg ttctgtcct ttgcggatcg tgtccacaaa 60
 agatggcaga caatgaggat ggaagggata agactactcg tgggaatgaa tgggaggttg 120
 tatctctgac agcatcgaca tatgcagctg ctcttggtcc tgatgaagtt gagatgaagg 180
 atgatgggaa cgaagatgta tatggacaag tgaaggagaa acgtcacatg ctttatttat 240
 gtctcgtca 249

<210> 15449
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962962H1

<400> 15449

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 attctggact caggggtggaa gtgattccga ggaggaggag agtgattatg gtgaggaaga 120
 tgaacactcg gcgggtgaac aagctccgaa tcaagacgtg acaagcaagt actttgtgga 180

caatgcaagt gacagtgatg attccgatgg ccaaagcgcg ttgtgaggtc ggcgaaagat 240
aagcgattcg 250

<210> 15450
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700962963H1

<400> 15450

agcgagtcag gttcagcaaa gacggttctg ccctccaact aaccgcgggtt gacggccgtc 60
gcgcctccgt tattgtcccc aatgaccgga acctcatcga catcctcgcc atgaacggcg 120
tcgacatttc cgtcgcgga ggcgaatccc ccaacagctt gttcaacatc gttggcaact 180
tgctcttccc cttgctcgcg ttcgcgggtt tggtctcttc ttccggagag ctcaaggcgg 240
gcccgggtggg cctg 254

<210> 15451
<211> 256
<212> DNA
<213> Glycine max

<223> Clone ID: 700962964H1

<400> 15451

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tatggcgggc gaccggacaa tcaaggcttc accatgtttg aagcatcagg aattcctcaa 120
ggtttcttta tgttaggtag ctactgccaa cccaacaaca agcctctttt tggatgggtt 180
cttttgga aagatgtgtc taaaagcaca agcaaccac tttaaagcaa ccaatcgatt 240
acacgcttgt atggaa 256

<210> 15452
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700962965H1

<400> 15452

agtgatttga ttgcatcaa tatggatcac taaccttgct ggtggctggt gcatacaata 60
gtatttgtac caaacctctt ttttcttttg ggcacgtgta ttgtttttta tttatgaacc 120
caactccatc catcattggt gcaacgaact caacaagcta gatcagtagt atatatcatc 180
aaattcaata gtctcttctc catttaatag atggttgaaa aatcttccag aaccaacctt 240
ggccaccatc a 251

<210> 15453
<211> 248
<212> DNA
<213> Glycine max

<223> Clone ID: 700962966H1

<400> 15453
acatttatac tgatcaaaga aactcaaaaa atggtgtcct acttggtgcc cctaaggctt 60
gcaaattggg tcatgaacca agtgcttggt aaatcatggt atggattttc taggaaactt 120
aaaagccttg ggtttcggtg ggggtgatctt tcatccaaac ccttgcatca accctcccct 180
ttccctaata ttaccaagtg cgatttggag gtagagggtc acaaacccta gcttgtgtat 240
ttcacaaa 248

<210> 15454
<211> 246
<212> DNA
<213> Glycine max

<223> Clone ID: 700962967H1

<400> 15454
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aatcaagca tttgtggaga cacaaagggt gtgaaagcaa atatgggagg aaactgggta 120
tgaggattga tgattttatg aaaccagtag aaacaaatgt tatctgtagc aattggaaga 180
aatggaagca acctatcata tggtttcagg aacagtagat tctgtggcgg cacagttttt 240
cttaaa 246

<210> 15455
<211> 245
<212> DNA

<213> Glycine max

<223> Clone ID: 700962968H1

<400> 15455

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 cttgaccaaa tagctctggt ctttatagta gttaatattt tctcttttgt tcaaagaatt 120
 tgttgctaaa tgccgattat atgttctggg tatttattta ttcattcttc gaaatatccc 180
 taattgttct ggtgttcaac catggagcaa tatagaacaa tagacaggat agttttcaag 240
 tatgt 245

<210> 15456

<211> 246

<212> DNA

<213> Glycine max

<223> Clone ID: 700962969H1

<400> 15456

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 tctcaccgcg aagaaaaaaa tggcatctca catcggttga taccctcgta tgggtcccaa 120
 gagagagctc aagttcgctc tcgagtcttt ctgggatggc aagagcagcg ccgaggattt 180
 gcagaagggtg tcttctgatc tcagggcacc atctggaagc agatggctga tgctgggatc 240
 agtac 246

<210> 15457

<211> 235

<212> DNA

<213> Glycine max

<223> Clone ID: 700962970H1

<400> 15457

cagtgaactc attgttggtat ttaaggggtta tccccatttt caatgaaaat gatgctgtta 60
 gtactaggaa ggcaccatat gaggattctt ccggtatttt ctgggacaat gatagtttgg 120
 ctggtctatt agcccttgaa cttaaagctg acctccttgt ttatttgagt gatgttgagg 180
 ggctctatag tggctctcca agtgacaaaa ctcaagggtg atccatacat atata 235

<210> 15458
 <211> 107
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962971H1

<400> 15458

ctgtttatta tttatggtca ctcgttacaa aaaatgcact atcttgcttt caatccaagt 60
 tcactttggt ggcagttgaa cgagtttgca accccacaca acatacg 107

<210> 15459
 <211> 234
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962972H1

<400> 15459

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 ctcttcttct acctttcaag ttttaaaagt ataaagatgg cagagacatt cctatttacc 120
 tcagagtcgg tgaacgaggg acaccctgac aagctctgcg accaaatctc cgatgctgtc 180
 ttcgacgctt gcctcgagca ggaccagac agcaaagttg cctgcgaaac atgc 234

<210> 15460
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962973H1

<400> 15460

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 caaactccag aacaagtatt gaaagaccaa ggagttaccc ctgcagacat tgaagatatg 120
 ttggaagagt tgcaagagca tgttgagtcg attgacatgg ccaatgatct ccaactcaatt 180
 ggtggttttg ttctcttctt tggttaccaa agaattctca tgccaatatt cgagcaatgg 240
 ctgctg 246

<210> 15461

<211> 251
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700962949H1

 <400> 15461

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 gcttctagcc tgctaccttt ccttatcacc agcaccaatg gcttcagacg ccaaactctc 120
 ctcttctgag tccctcaacg gtttcaaatt cggccaaaaa atctattttg aggatgttgg 180
 tcttgctact ccagccacct ctcttacttc ttctcttctt cttcttctgc tgctactgtt 240
 acttcttctt c 251

<210> 15462
 <211> 245
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700962974H1

 <400> 15462

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 gatcataaat ttcttacttc gcgggtggat cagaaacctg gactctcagg gttctgtgtc 120
 attaccattg cttgaagatc tagacagtat gaagcactct attattgaca gggaattaga 180
 atttcccaga gaagggtcaa aaaagtcagt gatggtcaga tatttcgctt ccaatttctc 240
 acttt 245

<210> 15463
 <211> 252
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700962919H1

 <400> 15463

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 gctgttcctg cttcctcact gactgaagaa aaaggacgtt acaaaagcgc acacgatttt 120
 tcaagagcca aacagagtgc cctaaattca agcgcaacga gtcaaacaaa caaagagaga 180

agaagaagaa gcaaaataaa gccattgaac atgtcttcag caaccaaggg tgataggaag 240
actgcacttg at 252

<210> 15464
<211> 250
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700962920H1

<400> 15464

ccacatccat ctttgccttc tgcattgttg ttctctgtaa acagatactg caaaagaaga 60
ataatattga atatttggtt ggggttgaatc cctgggttga cgcgttgag acatcacggc 120
tattctaaga gtgtctcgct ctctcattca tgtcccaact gtacgacgga ggacaggttg 180
cgtaactgcc accaaccctt cgccgcacgn gtggcgtggt gctttgcctt ctgaaggtgg 240
tagcccttca 250

<210> 15465
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700962922H1

<400> 15465

gcagcactca aaaccctaga gaggacgaga gagcgtgcaa ctttcggcaa ccacagacca 60
tgacattcaa gcgcaggaat ggaggtcgca acaaacacgg ccgcggccat gtcaaattca 120
tccgatgctc caactgcgga aaatgctgcc ccaaggacaa ggccatcaag aggttttttg 180
ttaggaacat tgttgaacag gctgcagtca gaatgtgcag gaagcttgtg tctatgaaca 240
atatacactt c 251

<210> 15466
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700962923H1

<400> 15466

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ggaacactcc caggcactgt aatttcattt cctacccttg gatatgtagt agtgtagatt 120
cttagtcctt tattgtttaca gatataattt gaagtcattg tacagctgga gcattacca 180
gagaaagcat gcacagatga agtggtataa tctaattgca gagttgtata actacaaggc 240
tgtttcaaat 250

<210> 15467
<211> 245
<212> DNA
<213> Glycine max

<223> Clone ID: 700962924H1

<400> 15467

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gttgtgtgtg taagagagcc atggggaaat ctacctctg cttcaaacta gtcacttgcg 120
gtggcgatgc ggcggagaat gatgattacc accaagtctc tgagatcaag gcatctaacg 180
ataaacgtgg ttggagtttc cgagagaaat ctcaaggcat cgtgtgctta gcaatactgt 240
gatag 245

<210> 15468
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700962925H1

<400> 15468

gttattcggg gtgtgcgtgt ccaactttga acgcactttg atactgccac tttctccacc 60
acaaagagaa aaaagagaga agaaaagcga atcccctgtg atctctcaca caattccaat 120
tcctctggat ctctgtctga tcgatagatc tcgaacatga gcactgggga gcttctcaac 180
atcgaacctc tcgaactcaa gttccccttt gagctgaaga agcagatctc atgttctctt 240
caattgtcca 250

<210> 15469
<211> 248

<212> DNA
 <213> Glycine max

<223> Clone ID: 700962926H1

<400> 15469

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 gtactctata aatagcattt gcatgcacct tagtcttcac caaaatactc ctcttgccat 120
 cttgtgttgt gtccctcttt taagctattt ctttctctta acacaattgg ttgtgccaat 180
 tgccatagtc accaaccaat taacaaaggt tatatatcat catatcatca ccaaagaaa 240
 aatattgg 248

<210> 15470
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962927H1

<400> 15470

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 aacagctccc agtccctcca cacagtgact ctcccaaata cctaatagga atctcaccct 120
 aatccctctc tcctcgtcca tcatcatcca tcttgcaagc agcaagctgc aagctccatc 180
 aacacttgcc tcactttcgc ttccagaatt tccaaattct cattcaccaa ccacaatgat 240
 ggagga 246

<210> 15471
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962928H1

<400> 15471

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 actccaatgt gtggaattct caccctaaga actacggacc tggttctcgc acttggtatg 120
 ttactcatct tcgccaaatg gtgattcagg atgagttgat ccttttcctt ctttggtcct 180
 tctcaatttg attatgcgat tattattaag gttttgcttt taatttgaag catttaattt 240

tatcccccat

250

<210> 15472
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700962929H1

<400> 15472

ccctcaacga aacgcaagaa ctggtatata gtcatggtcg gaaattggaa ttaacttccc 60
agaaattaaa cgaaagtatg taccctaaaa aataacagta taaaatttgc aaagttacat 120
ttttaattta acttttagccg cggaaaaggt ttttgcgttg cgttgacta gccctgcac 180
agtagtgtgg tacgatgatt tgattttgat aagaaggctc gtgctgtggg gatcattgga 240
agcatcgatc gga 253

<210> 15473
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700962930H1

<400> 15473

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tgaagccaga agaagaagcc ctagaaaagg agaatgtagg tattcctgtc cctgaaattt 120
cagaaccaa agagcacaag gctggaagta actgcaaggg aattgagcag attcctttgt 180
ctggggaaaa tgaagaggat gtgctagtta atatactggg agtgggtcca taatttctgg 240
tggcaaggca gtgg 254

<210> 15474
<211> 256
<212> DNA
<213> Glycine max

<223> Clone ID: 700962931H1

<400> 15474

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 ttcagttttc tctcttgccc ccgaagtcac tgaaaattct tgggaaaatc tcaaaatcag 180
 gtttttctct cttttttttc ttcctttttc tgtttcgggg cttaaatttc acttgagaat 240
 tcattgaacc cagata 256

<210> 15475
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962932H1

<400> 15475
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 cctctttcag accaaaggca cttgttcttc ctgtaaccaa agatgtttct gcctcagttc 180
 ctcagtatgt cacacaaatc aaacaaagaa cccacttgt ggcagtgaaa ctaactgttg 240
 atcttggtgg tggctacttg 260

<210> 15476
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962933H1

<400> 15476
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 attcaacaac atggctaatt tgcaaggagg gcctgacttt gacaaaatct ttcacttctc 120
 ctccatttgc atccttgctt tcatcaatga aggctcttcc tccctctcaa gtgcattcat 180
 gaatgaacca tggatcatggg gcctaagcat tcccataagt ttgtacgtga aattcgcaat 240
 tgagattcac actca 255

<210> 15477
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962935H1

<400> 15477

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ggcacgggtc actgggattt ctccccagga agcgtgctgc tcgtcacagg ggaaaagtga 120
aggcattccc caaggatgac ccatccaagg caccgaagct cactgcattc ttgggttaca 180
aggctggtat gactcacatt gttagagagg tcagaagcca ggatcaaagc ttcacaagaa 240
ggaaacatgt g 251

<210> 15478

<211> 249

<212> DNA

<213> Glycine max

<223> Clone ID: 700962937H1

<400> 15478

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ccatgttctc tggatttgag acaggagatt tagaaaaaag agatgatttg ttccacaga 120
ttctaagagc caaggcagtg gcaaggcttt atgagcttgg gaaggtagt gatgctagcg 180
gttatttggg gaggacattc ttgagtcctg catccatgag ggcaatcaat cttattcgta 240
aatggatgg 249

<210> 15479

<211> 249

<212> DNA

<213> Glycine max

<223> Clone ID: 700962938H1

<400> 15479

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tgtattttcc tttggcaata cttgtgctga tattaggcac accatactct agtgcttttg 120
ggaagagtga aagtaatgtg aaaacagctg tttttctgtc tcccaagttt gaacttgac 180
cgggttcggg agccaataaa tttgattatg atattgattt tccaagaggt catattgccc 240
tcaagagtt 249

tgaatttaaa tctttgggtt cttcatttcc tgatgaaatg gggcttatgc aaagccagct 180
tagaaaatat aaagaatctg cttcagatac cattctctgc gtgcagatgt gaagtctgtt 240
tctagta 247

<210> 15483
<211> 246
<212> DNA
<213> Glycine max

<223> Clone ID: 700962943H1

<400> 15483

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aacggtaagt atggcggaca aggctgttac aatccgaacc cgaaagttca tgaccaacag 120
gcttctttcc aggaagcagt ttgtcgttga tgttcttcat ccaggaggagg caaatgtttc 180
caaggctgaa cttaaggaga agctagctag atgtatgatg tgaaagaccc taatactgta 240
tttgtc 246

<210> 15484
<211> 248
<212> DNA
<213> Glycine max

<223> Clone ID: 700962945H1

<400> 15484

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ggagcctccg ccgttctctc cgtcgacgaa atcggaactac cttcaaggca gcttcggcgg 120
cgacgccacc gcctccgacg aggacgacct ctacagccgc ctgaaatccc tccagcgcca 180
ctggcagttc atcgacatcc aggaggagta ctgaaggatg agcagaagaa tctcaagcgc 240
gagtagct 248

<210> 15485
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700962946H1

<400> 15485

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tacattctag gagggattat ggcttgtagt ttgcttttt tgtatgttgt gtacagtttt 180
ggagcaaagg tcacagattc aagttcaata catgtaaaga gtaatgaatg tgcaaagata 240
tcacagaga atg 253

<210> 15486

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700962947H1

<400> 15486

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tgctgctgct tcccttgga tgacagacat gcttggaac cccatcaacc tcagtgggtgc 120
cacaaggcca gctccatctg cctctagccc tgctccttc aagactgtgg ctcttttctc 180
caaaaagaag gctgcacctc caaaaaaagc tgcactgctg ctcttgccaa tgatgagctt 240
gccaaagtgt a 251

<210> 15487

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700962918H1

<400> 15487

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tcgcttcacg gcttgccaat tcaagttgct tgacatggct acgcatacgc ccaaaaatat 120
cctcattact ggagctgctg gattcatcgc atctcatgtt gcgaaccgtc ttatccggaa 180
ttatccccag tacaaaattg ttgttcttga caacttgatt attgctcgaa tctgaagaat 240
ctcattcctt caa 253

<210> 15488
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962880H1

<400> 15488

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 tctcttgcct cctcctgtcc atcactgccg tcccctcaac tcgcgtcttg gaactcgctc 120
 ccagcgaagc cccacccgag gagcctatag cctccggcat cagcctcttc gacaatcttc 180
 ttgccaaagga atcaagcccc atgattctga aattctgcac cggcaccgag aacccaccc 240
 tctgcgccga aac 253

<210> 15489
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962881H1

<400> 15489

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 cgtcaaaagc aacaactgca ttcaaaggga gggctaaaaa acaatgttgc catcattaac 120
 acacatgggt tcgctctcca ttttgaatct cctccacact ctcaaactcat ttacataga 180
 tagatagctc ctttattata cacaacaat cacacaccgt atcccttggt ttgagtttcc 240
 gaggtcagaa catgg 255

<210> 15490
 <211> 78
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962882H1

<400> 15490

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 ccatggtagc aaaactcc 78

09130300

<400>	15491
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<210>	15492
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<212>	DNA
<213>	Glycine max

<400>	15492
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<210>	15493
<211>	246
<212>	DNA
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<400>	15493
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6922

<210> 15494
 <211> 121
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962891H1

<400> 15494

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 ggagatcctg atgataagaa gtgtgtgggtg acgcttttgg aacatttcaa gcatgctggg 120
 c 121

<210> 15495
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962892H1

<400> 15495

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 gaaaattgta ttggcttttc agacacttgg tgttgtcttt ggtgatgttg gaacaagtcc 120
 attatatacc ttcagtgtta tgtttagaaa ggcccctatt aatggaaatg aagacattct 180
 tggagcttta tcacttgtct tgtacacttt aatcttgttt cctttattga agtatgtcct 240
 ggtgggtt 247

<210> 15496
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962893H1

<400> 15496

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 gaagagtttc aaatttattg cttcgaatct ccagcttcgt cagggaagga aaacagcata 120
 acgtgtgggc tcgggggaac caaaaactgt gaaattctga agccactagg ccttttaaaa 180
 accaaactaa ggaagacggt ttagacagag agtacttcaa gctaagaaaa tggaaagtgg 240
 ggttgtgg 248

<210> 15497
 <211> 154
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962894H1

<400> 15497

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 cagtgattaa actgctgcat cacctatata tttaaaaggt ttatgggacc atagtagcga 120
 aggctgtgcc ttaatttctc tctctctctc tctc 154

<210> 15498
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962896H1

<400> 15498

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 ttcatatggg tcagcaccat gctgccaagt cgtgaactca aagtggaaat tagttgaaaa 120
 gagtttgagt tcacgtcaat caagagtttc ctctatagga aaacttggag tttattacac 180
 aggtactatt tctgcatgtg cgctgtgag attttatgag atgggtacta ggggtgcagct 240
 aagaagct 248

<210> 15499
 <211> 266
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962902H1

<400> 15499

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 aggcgtatct aggaaatgac aggcagagtg aggtgattgt gtctagtggg gcacttggga 120
 ctctcaatt gctattgctg agtgggaattg gcccaaaagc agagcttcag aaattgaaca 180
 tccctgtggt gcttgacaac caatttggtg ggaaaggcat ggctgatacc ccatgaacac 240

aatttttgtt ccttccaaaa gatcag

266

<210> 15500

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700962903H1

<400> 15500

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tgctgatacg gtaggggatc tcggttatgc tcctgagctt ggaaactatg cagaatatag 120

tggtgcaccc aaggaagatg aggtcttgca gtatgccaga gttgtgattg atgtaatcga 180

ttcttatctc aaacatcatt gttggcatat ttatggataa actatttttg ctttatgcga 240

tcagccattt ctc 253

<210> 15501

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700962904H1

<400> 15501

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ctttctctca gaagctgtca ggtctccac cagaaactgt gttccaacca cttcttaaag 120

ataaccttgt ggccaaaggg ctagttctgt catttatgac tgacttcttt aaggagtatc 180

tgattgacaa cagccttgat gatcttattt cattctaaaa cggggaaaag tagaggagga 240

tcttttggac a 251

<210> 15502

<211> 250

<212> DNA

<213> Glycine max

<223> Clone ID: 700962905H1

<400> 15502

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ctgagtgggc tatgcagcac ataattcctc aggttttgga gatgaacaac aatccacact 120
 atttgtatcg gatgaccatt cttcgtgcta tctctctgct tgctcctgtg atggggccctg 180
 aaatcacttg ttcaaacttg ttaccggttg ttctgctgca tctaaagaca gagtgcccaa 240
 cataaagttc 250

<210> 15503
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962906H1

<400> 15503
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 tctaacatat gcgaaggatc ttgtcaacat tctgtatgct gaaaatggac ctgatttttg 180
 agctgccagt gatggggatg gtgatagaaa tagatttttag gaagaagttt ctttgtaact 240
 ccttcagact c 251

<210> 15504
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962907H1

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 tattttaaat acatatttag cctagaggaa tatgataaag gtttatttac atactaaaaa 180
 accatacaac aagcaaggta aaacaagtac ggtaataat gtatttaaaa taaaagtatt 240
 attttgaagc cta 253

<210> 15505
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962908H1

<400> 15505

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gtagtatact gccttgagg aagaggaagt tgagtttcag atctcctaaa tctaaggggg 120
agccattggt gaagaaggct tatggcgaag aaggcgggtga tgacattgat tatgatcgca 180
gacagcttag ctctgatgaa tccctttcac tcgggaagac tgaggatgat tcaggtgcaa 240
atcgatcatc gg 252

<210> 15506

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700962909H1

<400> 15506

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aaatgacaac caccttcgcg accgtcgcag gactcgggtgg cgcattactg tcatccacct 120
catctcgtct cacctcaggg tttgtgaaat cccagtgat tgctaggaat cccttgaggc 180
aagctgtggc aatgggaaat gggaggatta catgtttgac cggaattggc tgcgggcaga 240
ttacagtgtg att 253

<210> 15507

<211> 250

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700962910H1

<400> 15507

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gatggagctc ggatacctga atcagggtca gccttctaga ggaacaacac cacttgtcac 180
tcttccattg ttgctttcaa cacttgtgtt ctctccactt tcacacatgc cttcaggagn 240

tctgtgtttc

250

<210> 15508
<211> 103
<212> DNA
<213> Glycine max

<223> Clone ID: 700962911H1

<400> 15508

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ttggcatgga ctgcaatatc caaattgccca aaaattttat ggg 103

<210> 15509
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700962912H1

<400> 15509

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ggtcacactt catcaatggc gggtagaggc aaaaccctag gatccagcgc cgctaagaag 120

gccacctcaa ggagcagcaa agccggcctc caattccccg tcggtcgtat cgccagggtc 180

ctcaaggccg gaaagtacgc cgagcgcgtc ggcgcggagc ccccgctctac ctgcgccgcg 240

ttctcgaata t 251

<210> 15510
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700962913H1

<400> 15510

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ccatggcgtc ttaccttcg ggtcgcagca acggtgggtc caacggcttt gatttgggtt 120

ccggtgacat cctttattcg tacgacgagg aggactatac caaccacgat tcttctaacg 180

gcactcacat cgatcccacc aaggattctc atgcatcaag gatgggaaga acatcaatag 240

ttcctgctac tgc

253

<210> 15511
<211> 252
<212> DNA
<213> Glycine max

<223> Clone ID: 700962914H1

<400> 15511

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tcattcaccg ccttgtctcg tcttcttctg tctccgaaca cggaatctct ctgaatcgcg 120

ggattaagag aggaatatgc aacagaggct taagttgcag caacaacaac aagccctcat 180

gcagcaagct ttgcttcaac agcagcagat gtaccacctg gcatgctcgc cgctgctatg 240

tctcagatgg ag 252

<210> 15512
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700962879H1

<400> 15512

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atagtagata ttcatccccc ttatctttct ctcttctctc tccccgccca aaccctaact 120

ccctacccta ttccgctttc tctcatccat catgaaagga ggaaagtcca agaccgaatc 180

taagagagcc gatgccaaac ttgctgtgaa taagaagggc gccgccacca agactaggaa 240

acccgccgga a 251

<210> 15513
<211> 180
<212> DNA
<213> Glycine max

<223> Clone ID: 700962915H1

<400> 15513

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tgtcaccat tgctgagagg aggtaggaga agagaggaga aaggttaca ccatggctta 120
tccaccactc agatgcatct catggctgcc atatgtgatg ccctcattcc ttcccttcca 180

<210> 15514
<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700962916H1

<400> 15514

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cgctgaatc ccctctctgt tacgtcgggtg tcgccaggca atccgctgct ttctgcctga 120
tgaagcaaat ggggtgggaa gaaggagaag gtcttggaaa agagaagcag gggatcaaag 180
gacacgttcg agttaaaaac aaacaggaca ctattggtat tggccttgag aagccaaaca 240
actgggcctt cgacacca 258

<210> 15515
<211> 257
<212> DNA
<213> Glycine max

<223> Clone ID: 700962917H1

<400> 15515

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cggcagttat tcatagacgg agactggaaa gtccccgtcc tcaagaatcg gattcccatc 120
atcaaccctt ccaccaaca catcatacag gatatcccag cagctactaa ggaagacgtt 180
gatctcgctg tcgctgccgc caaagctgcc ctctcccaa caagggcgcc gattgggctc 240
cggttccgg ctccgtt 257

<210> 15516
<211> 257
<212> DNA
<213> Glycine max

<223> Clone ID: 700962850H1

<400> 15516

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 gttccttttg tactctgagt gggtagaagt catggtaagg ctactgctg acttgatttg 180
 gaaaagccct catttcttca acacgattaa agagcgtgag ttagatctca gaggcaacaa 240
 gatagctgta attgaaa 257

<210> 15517
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962851H1

<400> 15517

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 tagatattaa tgtgaaagca ctgatttcag gctagctatg cttttttttt ccctttctta 180
 ttactaatg ccttgtattg atgtttccat tctactatga ctcagattgc agatgtgtgg 240
 tcttgtgggg tga 253

<210> 15518
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962852H1

<400> 15518

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 agcagttgat cttgtttgtg tccattcgcc ttgagattga tttgaatgtt tgatttataa 180
 agcaatggga ctttcatata tcaaatgct tgcgcacttc agtcaattta tttctaaaat 240
 catgtgaatt ga 252

<210> 15519
 <211> 250
 <212> DNA

<213> Glycine max
 <223> Clone ID: 700962855H1
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 atcaggatca cagccaaggc aatcatatctt ggaagatcct gagcttgccc atgcagtttc 180
 attgtccctg aagacagcag agcaagacaa agcattgcga gtacacgggg gagattctgg 240
 atcaccaaca 250

<210> 15520
 <211> 246
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700962856H1
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 gccgaacagg ccgagcgata cgaagagatg gtggaatcaa tgaagaacgt tgcgaatctc 180
 gacgttgaac tgactgtgga ggagcggaat ttactttctg ttgggtacaa gaatgtgagt 240
 ggtgct 246

<210> 15521
 <211> 247
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700962857H1
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 ttgttgctct tcttcaaata ccgtaaaacc ttcaagaatc caccacttcc accaggtcct 120
 agaggccttc ccataatagg gaatcttcat caactagata gtccttctct tcatgagcag 180
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gccatag

247

<210> 15522
<211> 248
<212> DNA
<213> Glycine max

<223> Clone ID: 700962858H1

<400> 15522

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agagctacaa ccatacacaag ttcaactcag ggtaaactct aggcagtgga ggaaagtggg 120
aatgtacat tcaatggaga tagacccatc ttccacttca aaagttgaac acagggaagt 180
gaagcatttc aaggaatggg ttccttggtt gatcccttc tttgtcattg ccaatgttat 240
tgtgttca 248

<210> 15523
<211> 248
<212> DNA
<213> Glycine max

<223> Clone ID: 700962859H1

<400> 15523

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atttaggaag tggctcggga ataaatagca ttgctgtaat tggaattact gtattcgttt 120
ataaatatgc aattatatct tcagggtgtga tggttaattgt gaactaggtc aatcttttca 180
gtatgtacgt gatttctggg cagaagtaaa gaactactga attgtgactg gttctgtgaa 240
ttacacgt 248

<210> 15524
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700962860H1

<400> 15524

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taacaacaag aaatcctgct ggaagtggac ttggcctggc aattttagg aggtttgtaa 120
 atcttatgga aggacatatt tgggttgaaa gcgaaggat tgataaagga tgtacagtca 180
 cttttattgt aaaacttgga atcccagacc gatcaaatga atttaagcta cttttgtac 240
 ctaaagtacc g 251

<210> 15525
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962861H1

<400> 15525

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 tgtaaaggag agtacataaa tgtagacacc aaaaatgtat tatgttctag aaatatcgag 180
 acattcaatg aggttacatc aggacttagt atgggtcaata ttttggaacc gtcattgtat 240
 tggtttgat 249

<210> 15526
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962863H1

<400> 15526

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 ctattccta aaccaagtta accctgaaaa catcaccgaa ttccaagtga ctctgtccct 180
 cgctagagac tacgatggca acaactcaac caacggaaag ttcattcctt actgggacac 240
 tgaaaaggtc a 251

<210> 15527
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962865H1

<400> 15527

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 aagaaaagag aaaaaggttt catcataatc ataagctgtt aggcattggc actggattcg 120
 acaccgcccc tgagaagaag aagaagattg cgtttctgag cgtgtcttcc atcctcctgg 180
 tggcgatggt ggttgcggcg gccgtcggca taagagacgg cgccgaagtg gtcgaggaag 240
 gtggcgacac gatcgcgaaa tc 262

<210> 15528

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700962866H1

<400> 15528

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 aaaaccttac aaaattgaat tgttggtatta cagtatccaa cagcaccatg ctggattctg 120
 ccactcccca tgacaaaatc accacagcag cttctggctt cgtacttgag gatgttcctc 180
 atctatctgc ttacatccct cacctccaaa catatcctga cccgttgcaa gacaatcctt 240
 cctattctgt tgttgcg 257

<210> 15529

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700962867H1

<400> 15529

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 gagttgtttc agacagtagt agtagttaga tagagaaggt ggaagtggaa aaaggggtgtt 180
 tgttgtattg tgaagtgaag caaggggtgg ggggtggtgtg aaacaaaaaa aggtgtatag 240
 tgagagagaa aga 253

<210> 15530
 <211> 253
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700962868H1

 <400> 15530

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 gtattgtgag gaagcttggt tgtcattggt tctaatttga agtactgggt ttgctacatt 120
 aagtgggggtt ttgagtgggtg aatttgacat tgaatgtctg gtgaaacagg atccttttag 180
 cccgtaacag aacagtgaaa gttgcagttt ggatttgtac tttcaactaa taaatgtcga 240
 ggggatctga tgg 253

<210> 15531
 <211> 254
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700962869H1

 <400> 15531

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 aaagtgaat ggttggaag gataatctga gggctgagga cttgaacttg tgctttaaga 120
 agcttatgat ggtggccggg agtgggaaca gtgagaaagg ggtgaacttg aagggtgggg 180
 tgatcaccga gtggaaggat attcctgtgg agcttctgat gcaaattctg tcccttgtgg 240
 atgatcagac ggtg 254

<210> 15532
 <211> 256
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700962870H1

 <400> 15532

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 agtgggtgat ttccagaggc tttcagagga agaggagcgc aagaagctga gaaaaacatg 120

tgagaaacca ggggtgtttca gaatcatcaa ccaactcaatt ccactaacac tcatggctga 180
catgaagtca gtgggttaaact acttgcatga ccttcccacg gaaatcaaaa tgcgcaacaa 240
accctccgtc cctgag 256

<210> 15533
<211> 255
<212> DNA
<213> Glycine max

<223> Clone ID: 700962871H1

<400> 15533

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tgaatctgga atgatgttta gtttagcattt ttaatagata gaacgaattc ggagtcatag 120
gaaacgtgat atttgttctt tgcagattta tcataatgca tcttccaatg cgatttggag 180
aggggtcatg aagggttggtc tttgaccctg caattaataa ttcaaattcg aaagcctgaa 240
ttggccatca tggca 255

<210> 15534
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700962872H1

<400> 15534

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attatgaaaa attgaaaatt aacgtaaagg gggttcattgc acatcctttt tgctttcagg 120
gttgaagaa tttttgcgat aaaatatttt ttcacccaaa aaaaaatggt gttggatcca 180
agactggtgc tgggtgctgt catcggcact tgcattttgg ccatcaatgg tgacacagat 240
ccaatgacg ttgc 254

<210> 15535
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700962873H1

<211> 252
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700962876H1

 <400> 15538

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 ccatgatgcc taaccctgca cctttcgtag agcatcagaa agccgttaca ataaagaacg 120
 atgtcaacat caggaaagag acccttaagc ttgaacccga cgtagaaaat tctggccact 180
 tccttgtttc gttttccttc gatgccaccg tttctggcag catcaccata tatttctttg 240
 cgaaagaagg tg 252

<210> 15539
 <211> 249
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700962878H1

 <400> 15539

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 agattgaaga agcgattttt ttatatgaaa ttttgaagag tgaatgagaa atctcaatcc 120
 catggatgag caattgaatt tgagctgaat cggcgtcgtt tcgatttctc tcagtcacac 180
 actactgact cggccagatt caagtaaacg cttcttctca gcaaacccta gatattggag 240
 attgatgtg 249

<210> 15540
 <211> 252
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700962847H1

 <400> 15540

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 gaacagggca ccacctcctg gtctctcttc agttgagaga atggggcagg cttttgactc 120
 cctctctggg aattcagtgc tggatccttc tttctgactg agaaattctt atcaaacacc 180

ctcaaattgga aatatgggtg gtccaggtga cgttgaattt atggagcctg ctattttggc 240
agttagtaga gg 252

<210> 15541
<211> 251
<212> DNA
<213> Glycine max
<223> Clone ID: 700962814H1
<400> 15541

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gacttcgaca tccccggcgg cgaggaaatg gatctcggcg aagacgaggt cggcgaggag 120
agggagatcg gctctggcgg cctcaagaag aagctcctca aggaaggta aggctgggaa 180
acccccgaag tcggtgacga agtccaagtt cattacacgg ggactttgct cgacgggact 240
aagttcgatt c 251

<210> 15542
<211> 263
<212> DNA
<213> Glycine max
<223> Clone ID: 700962817H1
<400> 15542

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gcagagcaac tcatacctca atggacaatc cctctctttt caagtcacca ccagtgatgg 120
cagaactgtg acaagcttca atgtggcacc agccaattgg caatttggcc agaccttcca 180
aggaggccaa ttctagagac attattgcaa tgagggatag aaaatagtg aaaacaaaaa 240
aaatgttggt atacctatga tta 263

<210> 15543
<211> 258
<212> DNA
<213> Glycine max
<223> Clone ID: 700962818H1
<400> 15543

<213> Glycine max
 <223> Clone ID: 700962822H1
 <400> 15546
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 ctttttaggac acattttctcc tccattgaaa agcagagcac ttcagaatca tttcagaatg 120
 ctgtagattg tgctgtggat gaagtcacaa gacgagtcga atatgggctg gcatgttctt 180
 gtctacctaa cgatacctat gactcaatta aattccagac ggtagaacac actgggattc 240
 gatcagaact aagt 254

<210> 15547
 <211> 81
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700962823H1
 <400> 15547
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 cccgaaatct tgactaagtt t 81

<210> 15548
 <211> 255
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700962824H1
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 ctcaaattggc ctcttggtatc catggagtgg tggcggcgtt ttgcagaata tatctgaaag 120
 tgtgggtttca cttgtcactg aagaagggtgc acaccacata gatttacgtt cttcaacaaa 180
 aaatgatcct gattgggttg tagagcagag ggagactgag ataaagctga tagaagggtg 240
 gatcagtgac tacca 255

<210> 15549
 <211> 252
 <212> DNA

<213> Glycine max

<223> Clone ID: 700962825H1

<400> 15549

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gtgttttggc aggaaggtgg tatggcgaag gacgttgagg ttgctgagcg tggctccttc 120
tctgggaagg actaccagga cctccacca gcaccactca ttgatgctga ggagctcaca 180
aagtggctct tttacagggc tctcattgct gaattcattg ccactttgct cttcctctac 240
attactgtgc tc 252

<210> 15550

<211> 249

<212> DNA

<213> Glycine max

<223> Clone ID: 700962827H1

<400> 15550

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ccaaatccct tttttcgagt gagagcagtt agcttgggtg gttggttggg tactgaaggt 120
tgatcaaac cttctctctt cgatggcatt ccaaacaag attattgga tggaactagt 180
cttcggttca agtctgtgtc aacagggaat tatctatgtg ccaagtctgg agggggaaat 240
gtcctactt 249

<210> 15551

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700962828H1

<400> 15551

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ccacggggca ggcaaagatc cgttgggtgc aaaagaatta catgatttac aattattgca 120
ctgatatcag acgtttccct caaggccttc ctccagaatg ctccattgca tgagaatatt 180
taattcaatg ttgcatatca ttataaaatg atcctcatga acgtgacaca catgtgttg 240

ctattacggt aa

252

<210> 15552
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700962829H1

<400> 15552

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tttgaaagct ttctgaaatt aaaagttatc atgcttattt atgtttttac ttttttcctt 120
tcagtactgt ttcccttttc tacaagtaag aagtttaaac agggatcatca gtaagaaaat 180
attttcagaa aagctatgtg aaagaccagt ttactacttg ctttcaccaa ggttcacaag 240
gattatgctg tgt 253

<210> 15553
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700962830H1

<400> 15553

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cattcctgca aacacttgct cgttggtggac cagtttggg ttcgaagaat cccaaccggt 120
gaacatgaac tccacattgg tgatctcaaa cattcaatta atgtccaaac tacgcattga 180
atcaagcact aaaagatgat taatttaact gtcaagaaaa tttgacagat acaactgaaa 240
gttttgcaaa 250

<210> 15554
<211> 256
<212> DNA
<213> Glycine max

<223> Clone ID: 700962831H1

<400> 15554

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agaggaatca gcccttttcc gtatacttta cttgaacaag ccgtttgagt tcggcgtggt 120
 taataactaa catcacaaga caacgttgtc ttgcgcctga aagtgttggt gagacaaaac 180
 cacaatacag ttttagaatg gagaagacag cagttaaagt tcgatgccag aggattgggt 240
 gcgacgccat gttctc 256

<210> 15555
 <211> 259
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700962834H1
 <400> 15555

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 agcggcagct ggagctctag gtttttgaag gtggctagtgc cagctgccgc tacagccgcc 120
 gttgccggcg gtttatatgc cattctttca tcctcaacct ctgctagctc tgagatggaa 180
 gtgccggttg gcagcgcacg gcgtgagagc aaagaacgtg acgatgggtg ctccgggtct 240
 catcctcgcg aggggtgcca 259

<210> 15556
 <211> 255
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700962835H1
 <400> 15556

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 taccaagatt tggatctcca cttttgtatt ttgtagattc tcctgatcga tcacttttct 120
 caatatctca tgcagataat caaatgctta tattgaagaa gccttcaaag ccaatggaaa 180
 taatcagctg tatttctggt atcaagcccc ctttgtcttc tcaagatata tgtgaaggtc 240
 tttccagccg agttg 255

<210> 15557
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962836H1

<400> 15557

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ggagacagat aacataaggc aagaatccag tgaagacatg tctgtacttc gtggtctttc 120
aatcgttttc gataggaagc cagaactgag gttggagggg attgcttata aggtacttca 180
gtggtattta tgtagactgg agggctggtt tgctgcagac actgatgcta tttcactgaa 240
aggatgggac caggag 256

<210> 15558

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700962838H1

<400> 15558

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cttttgaaac ccctctcgtc gtacttatcc ctacgacgcc gttcggtgtc gacctcgctg 120
gagccctca ccgtggagac ctcggtgccc ttcacctccc acaactgcga tgcgcctcca 180
cgcgccgtgg agacgtcctc ggcgagctc ttctcgttct tccgtgacat ggcgctgatg 240
cgcgcgatgg agatc 256

<210> 15559

<211> 230

<212> DNA

<213> Glycine max

<223> Clone ID: 700962839H1

<400> 15559

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taacatacct tcaagctgtg gtcaaagcaa ctttaagatt atacccttca gtggctctct 120
catcacctcg tgaattcatc gcggcttgca ctttaggtgg ctacaatgtc tacgaaggaa 180
ctcgctgact tacaatatg tcgaagatcc acacagatct tagtgtttgg 230

<210> 15560

<211> 257
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962840H1

<400> 15560

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 aagccgcact tggacccatc gacacaacca cggagtcaaa gtcagcgcggt gacgacgacg 120
 ggcacgggag tcacacgtta accaccgcgg cgggctcggt cgtacccgag gctagcctct 180
 tcggcttggc atcgggcacg gcacgtggaa tggccacgca agcgcgcgtg gcggtttaca 240
 aagtgtgctg gctaggc 257

<210> 15561
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962841H1

<400> 15561

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 tcttgaaatg gaaaggctca gcatcgagga cgtcttgaaa atggagtggg gtactctgaa 120
 ctcaaaaatc aaaagatgga tttgggctgt gaaaattttt gttaggggtg atcttgcaag 180
 tgagaggtgg ctcaagtacc agctttttgg ggaggggtgag cctggttggtc tatcttgttt 240
 tgtcgatgca tc 252

<210> 15562
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962842H1

<400> 15562

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 atagagggac ccctttcgcc agctgagcta gcagggattc tacaaagaac attggaagaa 120
 caaggggtgg ctttttgaag tgatagggct aagcaggaag aaaagatccg agcagaccgt 180

aggcttagag aagagcaaga tgctgcatat cttgcagctt tgcaaattga caaggaaaaa 240
gacaaaccga at 252

<210> 15563
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700962843H1

<400> 15563

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tttcttttct gtcagttca caaccaatgt ggtctacgag aataacaaca acaacaacgc 120
tgccatcgaa tcacgattcg ttaatagcag agtcgccgca gatccaccga aacagaggtt 180
aaagaagagt ttctacgact ccgcggtatt cttccccgag ccgaaacaca ccgtttcggt 240
gtacggagag 250

<210> 15564
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700962844H1

<400> 15564

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cgccgccgtc gtttaccgag acagactgtc tcttgtctcc ggtgacgtta cctacacgtg 120
gaccagaca caccaacgct gcatcaaact tgcttcttcc atttctcaac ttggtgtcgg 180
tctttctccc ctgatgtgg ttgctgtatt ggcccctaatt gttccagcta tgtatgagct 240
gcattttgct gtt 253

<210> 15565
<211> 255
<212> DNA
<213> Glycine max

<223> Clone ID: 700962813H1

<400> 15565

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cacacctggt aggatagctg agctcagtgc atccgggaaa cttcgactc atggctgtcg 120
atatttggtta ttagatgaag ttgatgaact gttgtcattc aatttccggg aagacatgca 180
ccggatattg gagcatgtag ggaggagatc aggtgcagac ccaaactcag attctagaaa 240
ggccgaacgt cagtt 255

<210> 15566
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700962845H1

<400> 15566

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ccgacaacca caccagattt tggataaaaa gtaagatcca ttgagtttgt tcttgacat 120
catgattttc tctggttcaa caacgaaggg tgtgaagaga tgggtttgat catgaccctt 180
ttgatgagtc acatgcccac atagctcagt agttaaatac gcgctctttt ttgtgtgttt 240
tgtggaattt gttc 254

<210> 15567
<211> 133
<212> DNA
<213> Glycine max

<223> Clone ID: 700962782H1

<400> 15567

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tgctgcttct ttttcattgc gtatagagag acatgggtgg acataacaat gaccatgaac 120
atcaacgaag ctt 133

<210> 15568
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700962783H1

<400> 15568
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 atctaactgt ttttaagttt ttccattttg gtagttttct ctttgataac ttattttctt 120
 gagtgctata taaacataga agtatttcct tatgggtatg ttgcaacagt gaggtcccat 180
 tcatgcaatc acaatgagtg gaagatcaaa gtgtgtcaga aagatagagt gacacttggg 240
 gatccttgat gttgttatct 260

<210> 15569
 <211> 244
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962784H1

<400> 15569
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 acgcattcgg gttcttcgcc ttcgtcagcg ccaagaagaa ggagctcgac ggcctacgcg 120
 ccgagatgcc tgtggctctg gcggagtgcg ttgatccggc gaaattcgtg ctggaggcga 180
 tctccgaggt gtttccggtc gacaagagag gggacaaggc cggccaacgac ttgggctggg 240
 cttg 244

<210> 15570
 <211> 127
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962785H1

<400> 15570
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 attttgacta gctaggtggt tggctgttga gtttatggag ggccaagtgc cttgttgaac 120
 agtgttt 127

<210> 15571
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962786H1

<400> 15571

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 tcggcaaacg gacggctggc gcacgcgtcg cttctagctc ggattctgac ttagaggcgt 180
 tcagtcataa tccaacgcac cgtagcttcg cgccagtggc ttaccaacca agcgcgatga 240
 ccaattgtgc gaatac 255

<210> 15572

<211> 258

<212> DNA

<213> Glycine max

<223> Clone ID: 700962787H1

<400> 15572

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 cctctcatct cttccgccgt gggtagcct ccgagccgt gccggagcgc aaggtagccg 180
 ttctcggcgc cgccggcggg atcgggcagc ctctctccct tctcatgaag ctcaatcccc 240
 tcgtttcgag cctctccc 258

<210> 15573

<211> 238

<212> DNA

<213> Glycine max

<223> Clone ID: 700962789H1

<400> 15573

caagcctctc tcttaacccc acccctctcc ggtctcaaag ccagcgaccg cgcctccgtg 60
 ccatggaagc aaaactccag cctctccttc tccagcccga agccccctcaa gttctccaga 120
 acaatcagag cagcagccgc cgacgagacc acagaggcac cagcaaaagt agaggctgca 180
 ccggtcgggt tcaccccacc agaacttgac ccaaacaccc cttccccgat cttcgggg 238

<210> 15574

<211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962790H1

<400> 15574

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 gatcctgcta atgataatct cacttttgtg gacgaaaact ccttatgggc accttcaaaa 180
 ccagtcaacc aacgtgatgc tgatctcatc catTTTTTggg ataagttccg caaagctcct 240
 gagggttctc tcagga 256

<210> 15575
 <211> 222
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962791H1

<400> 15575

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 ctatatcaca tgctctgggt actggtttca ctcaatttgc tgaacctgta ttaggaggt 120
 gcataaatat aatccagacc caacaatttg ctaaggctga tcctgccgcc accacagggg 180
 ttcagtatga caaggagttt attgtatgct ctcttgattt gc 222

<210> 15576
 <211> 238
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962792H1

<400> 15576

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 gagggccact ccggggcggg gcggtgag gcccgggtcg ggtttggcaa gaagaaagcc 180
 gccgccccga agaaagtctc caggggggtcg ggctctagct ccgataggcc cctgtggt 238

<210> 15577
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962794H1

<400> 15577

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 ccctttcaga aaggagttgg ccagaaattt gctcagcctt ctggaacagg aattgaccta 120
 ggcttctttg agttggatga tctttcaaag ccctcaccg gagaaagtgt ctttcctctt 180
 gtaatatgtg ctgaaacaag tttgaaaact acctcagaag atgaaactcc tggtgattcc 240
 ttgctagat 249

<210> 15578
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962795H1

<400> 15578

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 aaaggaaaga gaatcgccat cattggcgtc tcaaccttat tgttggtggc tatggttgtg 180
 gcggtcacia ttgggggtcaa tctcaatgag aatgggtcca acaatgatat agaggacaac 240
 aagaaaaatc atgttgctt 259

<210> 15579
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962796H1

<400> 15579

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 actcacggaa atatgtcacg cactcgtatc gccattcagc gcttccgcca cacctacacc 120

<400> 15582
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gaagcagtaa tactgattag agtagtttta tggctgctgg caacaagggtt gggaaccttg 120
ttgctctgtg gtttcctctg tcttggtgaa aaatggccct atgtcaacaa cttctcaaac 180
atatcttttg agaaaagaga aatgggttatg cagaagtggc tgaaacatag gttcctcaca 240
cctattaga 249

<210> 15583
<211> 258
<212> DNA
<213> Glycine max
<223> Clone ID: 700962804H1

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accatggccg gaaaaggaga gggtcctgct atcggaatcg atctcggaac cacctactct 120
tgcgtcggtg tgtggcaaca tgaccgcgtt gaaatcatcg ccaacgacca agggaacaga 180
accacgccgt cttacgtcgg attcactgac accgagcgtc tcatcggtga tgcggccaag 240
aatcaagtcg ccatgaac 258

<210> 15584
<211> 258
<212> DNA
<213> Glycine max
<223> Clone ID: 700962805H1

<400> 15584
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tttttgatt caaccatggc tacctatagt tggccaactg agatattttc atttttggtt 120
ctaacgttgt tgctgacaag cagtcacaca atggttgctg gagcacgcaa tcttctcgaa 180
tcaaccttgt caaaaccaga agtgccaaca ctccccaaac ctcatgagtt gccaccattg 240
ccggaagtcc ctgaattg 258

<210> 15585

<211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962806H1

<400> 15585

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 ccattagcct gcaaactctc ccttgcagcc ctttaactga tttggatatt tttattagtg 120
 ctatgggatt attttgaatg cgtcttggtg gcagatctgg tgggtgtttg tctcgggaag 180
 aaattgtcat tgctaata gta tcttgagact taaatttatt tagttttaga agtcgtgaac 240
 taagagctac tgggggt 256

<210> 15586
 <211> 111
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962807H1

<400> 15586

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 atcgaaaacg cgacatggta gactccaaat tgctgtttca acacatgcaa g 111

<210> 15587
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962808H1

<400> 15587

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 actcctctcc ttcccaacac cttcagatcg ccaatgctga acgcaggatt gacttgactt 120
 ctcacattat taagggtgtac ttgacgttga aggttgaaaa tttggggaca tctcctactt 180
 cagaagtaca tattgccttt tcaccactg aagtagaaca tctagcaata gtcagagctg 240
 ctgcaacttc tgggaagag 259

<210> 15588

<211> 256
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700962809H1

 <400> 15588

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 tcatggacat aaagttgagc attcccatag aagctttttg atgccaccac caccatcaac 120
 tcaatatgag agtcctcggt caagagaact gttgtccaaa ccaatatcag gaaaaccttg 180
 tgaggtttca aaactgaaag acagtgactg taagctatct ggcatctcac ttcttagtag 240
 ccgccccatt gcatca 256

<210> 15589
 <211> 253
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700962810H1

 <400> 15589

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 tgcttacctc ttcctttgca tgctcttctc ctctccgcc actcccatc tcggttggtg 120
 ctactgtggc aaacccccca aaaagcaca gcttggtaca acaccaaaga caccacagt 180
 acccgttggt aagccaccag tcacaatccc tcccattggt cagccaccag tcacaatccc 240
 tcccattggt aat 253

<210> 15590
 <211> 252
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700962811H1

 <400> 15590

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 acaacagcga gtcattggtca ttggtggaga tggatactgt gggtgggcaa ctgccctcca 120
 cttttctaac aagggttatg aggttgccat tgttgacagc cttgttcggc gcctttttga 180

tcaccagctt ggactggatt ctctaacacc aatttcttcc atccagaatc gccttcagtg 240
 ttggaaatct ct 252

<210> 15591
 <211> 268
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962781H1

<400> 15591

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 tattgacca cgtcatcgct atggacacaa tttgcacatg tattacgata tttggtttga 120
 gagccaaagc acccaaccat ttttctactg gttggatggt ggagatggta aagaaataaa 180
 tcttgagaaa tgcccaagat ccctcctaca acgccagtgc attaaatatc ttggaccaa 240
 agaaagggaa gagtatgaag taattgtt 268

<210> 15592
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962812H1

<400> 15592

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 gatgtgtcgc tgggagcgaa caagttcccg gagagacagc cgattgggac ggcggcgag 120
 agccaagacg acggcaagga ctaccaggag ccggcgcccg cgccactggt tgacccgacg 180
 gagtttacgt catggtcctt ttaçagagca gggatagcag agtttgtggc cacgtttctg 240
 tttctataca tcac 254

<210> 15593
 <211> 270
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962749H1

<400> 15593

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 tggatcattt gtattgccgg ctttgtgcac aattatctac ttgtaagaag tccaatttcg 120
 ggcaacaacg tttgtaatgc agaaataggt cattagcatt gtaaactctcc aggcgataaa 180
 tggaatatca aatggaagac gccgcatagc ttctgggtgtg acgatatcat tgtgttgggc 240
 aaagcttttc gaagaaatta cgtggattta 270

<210> 15594
 <211> 268
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962750H1

<400> 15594

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 aaaccaagca agttgatttg tgctccattt gtagttaagt aggttatatt ttgaggggtgt 120
 tcactaacia agggaatcta gctatgcaat ctggaagccc ttgggtctttg tacttaggat 180
 ggatgagatt gtgtattttg aaaattgggtg gttgttagaa taggggtgatc tttccttcag 240
 ggtatttgat cgaggaattc ttgtaagt 268

<210> 15595
 <211> 271
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962751H1

<400> 15595

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 caaactgctt cagcagtttg tctatgctta gcttcttctt ctgcttttgc tttctccacc 180
 atcacaacca ccatgtattc tgccactgcc tccaacactt tcttccttct ctcttgtttc 240
 cttctcttct gtctcctctc agctccttcc t 271

<210> 15596
 <211> 250
 <212> DNA

<213> Glycine max
 <223> Clone ID: 700962752H1
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 tgaagatcct tgtgtcgcac agagctagtt aaaatgtctg agggaaatgc agggaaagga 120
 aagagaatcg ccatcattgg cgtctcagcc ttattgttgg tggctatggt tgtggcaatc 180
 acagttgggg tcaatctcaa tgagaatggt tccaacaatg atacagagga caacaagaaa 240
 aatcatgttg 250

<210> 15597
 <211> 264
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700962753H1
 <400> 15597
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 ttcactctgc cttactcact ctctactttg ctcatcatcg tagatggggc aacacttcta 120
 gtctctcttg actgagaacc atgtagaaat gagtcaccta atgaaaaatc agtagctcct 180
 tgttgcgcta tgaatagagt gtgtgttgag ataaattcgt ttgtttgttt ggtattgttc 240
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<210> 15598
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700962755H1
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 ctctgcctct gaagtctgaa cctccccagg aatggcaatg gagaatacaa cattgtttgt 180
 gttgctgctg aatgtgtctc ttgtgttcag tgcctctctt gtgtccgcag agcaacaaaag 240

tcaagcctca gctgtagggg a

261

<210> 15599
<211> 191
<212> DNA
<213> Glycine max

<223> Clone ID: 700962756H1

<400> 15599

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tccgcctcac gagggtcacc aacggcacgt gcctttgggtg ggccgaggcc ccctactgct 120
ggtcggcaaa cggacggcgg gcgtacgcgt cgcttctagc ccggattctg acttagagggc 180
gttcagtcca t 191

<210> 15600
<211> 263
<212> DNA
<213> Glycine max

<223> Clone ID: 700962757H1

<400> 15600

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atcacgcatg gcagctttcc ttcgacgctg gattccacga tggaagattt tatcttctcc 120
accctgacgg gatagcaaatt ctttcatgaa attgagaatt gctgctgcta ataaacaagc 180
ttccattgag atggggggagt tcaccgggag tggtagtat gtgactatcg gcgaatttcc 240
ttctccagg acaaatcact caa 263

<210> 15601
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700962760H1

<400> 15601

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ttctttcagt ttctgttgt taatggtgca cagcagtggt cttccttggt gaggtgttac 120

tttttcttgt ttttttctct ccaagttttc cctcaaccaa acagaatgag ctaaaaaaat 180
 gtggaatttt ctctttcttc ttccacttca ggtcttccgg atgcttttat tttgggtagt 240
 tatttttggtt tttggatgag tg 262

<210> 15602
 <211> 53
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962761H1

<400> 15602

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<210> 15603
 <211> 121
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962762H1

<400> 15603

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 ctgtaaaagg tgggtgctcta aagccgactg atgttgacac attgtgggggt catgtcactt 120
 g 121

<210> 15604
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962763H1

<400> 15604

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 ttcttcactt tgcaaaacca aaacagattg aattgctatt atccaattca tctacttctt 120
 cttcttcttc atagccatgt acaggtttta attttaacgc ctttttttat tattagccta 180
 acgaatcttc ttataaaccc tcaaacctct tgtgctgttc gcattccgat aaacaaacac 240
 gcagatttga aggaacgaaa ga 262

<210> 15605
 <211> 122
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962764H1

<400> 15605

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 cgtggactct ggtctggcta tttttgcggc agacctggtt ggaattcttg gagaaagtgc 120
 ag 122

<210> 15606
 <211> 271
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962765H1

<400> 15606

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 acatttactg gtccaccgga aaatgtcaga gatcatgtta tggctgccac aagggttctt 120
 aacaagggag acttccagaa ggcttttgac attattgtgt ctcttgatgt gtggaaattt 180
 gtgagaaatc gagacaccgt acttgaaatg ctgaaggaca aaatcaagga ggaggcattg 240
 aggacatacc tctttacctt ctcttcattt t 271

<210> 15607
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962766H1

<400> 15607

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 ctctcttccc catccttggc tggcaaggcc gtgaagctgg gcccatcagc cccgaagtc 120
 gggaggggtca gcatgaggaa gaccgtcacc aagcaggcct cctccggaag cccatggtac 180
 ggcccagacc gcgtcaagta cttgggcccc ttctctggcg agcccccgtc ctacctcact 240

ggcgagtccc acgtgactac ggctggg

267

<210> 15608
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700962767H1

<400> 15608

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aaagaaagga atgaatgaaa gagggatggt aggagaaaaa tgagaatggc gtgaatgtga 120
ggagagaaga gcctgaatat tagaatcgga tacccttaaa gaagcggaga taggagtgtg 180
cgactccaaa cccaaggggc ttcgggaggg ctcttcacg gaggcgggtgc tatattcccc 240
tccggattcc ccc 253

<210> 15609
<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700962768H1

<400> 15609

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tcctctccct cctcctgtgt ctcagtttgc tggctagata cgtagaattg ctgctgcttc 120
ttcaatggct caaattgcgc ttattgctcc tgcagcaact gttataccta ttattactgg 180
tagggggata caacaaaaac tatcatatgc tgcaagaaga gacaaagtga gtttagcatc 240
actggttcct agttggag 258

<210> 15610
<211> 263
<212> DNA
<213> Glycine max

<223> Clone ID: 700962769H1

<400> 15610

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agatgaaatt gttgatatca acaatttga ggagtatata tccttgggtga tcgatgcaac 120
 tgtcaagact ggaatcatgc ggcaaataga agcattttaga gcagggttta accagggtttt 180
 tgatatctca tctttacaaa ttttgactcc tcaagaacta gataatttgc tttgcggccg 240
 cagggagttg tgggaggctg aga 263

<210> 15611
 <211> 119
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962770H1

<400> 15611

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 cactcaaaag cagctatgtt gtgcaaatat tatgctgagc gatacaatgg tcaggatat 119

<210> 15612
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962771H1

<400> 15612

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 agattggcct gagcccattg tccgggttca gtccttatcc gaaaactgcg tagattcaat 120
 ccctgaaagg tacatcaagc cttctactga tagaccatcc atgaaaagt gtaatttttg 180
 atgatgcaa tattccaatc atcgaccttg ggggactatt cgggtgctgac aaaaat 236

<210> 15613
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962772H1

<400> 15613

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 gttttggcag gaaggtggta tggcgaagga cgttgagggt gctgagcgtg gtccttctc 120

tggaaggac taccaggacc ctccaccagc accactcatt gatgctgagg agctcacaaa 180
 gtgggtccttt tacagggtc tcattgctga attcagtggc actttgctct tcctctacat 240
 tactgtgctc acagtcatag gg 262

<210> 15614
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962773H1

<400> 15614

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 cactacatcc aaaacggcgt gttactcacc gcccgccct cctcttttga cgacttaata 120
 ctttctttta aacacactct ttctatcgcg ctctctcact ttcccgctct cgcggaagg 180
 ttgagaccg attccaacgg ttacgttaat attgtatgca acgacgctgg cgttgatttt 240
 attcatgcta aagcaaaaca cct 263

<210> 15615
 <211> 240
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962774H1

<400> 15615

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<223> Clone ID: 700962776H1

<400> 15616

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<223> Clone ID: 700962777H1

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 aagttttggc ttccaaaagt acaaggctac tagtagataa ggctgaagt tgaaccaatg 240
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<210> 15618
 <211> 94
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 <213> Glycine max

<223> Clone ID: 700962748H1

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<223> Clone ID: 700962779H1

<400> 15619

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<223> Clone ID: 700962780H1

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<223> Clone ID: 700962716H1

<400> 15621

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<210> 15622
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<223> Clone ID: 700962718H1

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<400> 15623

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6969

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gtggaggggtg gaattcagga tgcttgatgat gatgcttgca gcatatgcct tgaagctttc  240
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<210> 15626

<211> 266

<212> DNA

<213> Glycine max

<223> Clone ID: 700962727H1

<400> 15626

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tccgtaaatt tcgtctctga aactagggct aatacttcat ctaccgatct ctatattctg  180
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<210> 15627

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<212> DNA

<213> Glycine max

<223> Clone ID: 700962728H1

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ggccaagatc caggacaagg aaggaattcc cccggatcag caacgtctca tcttcgccgg  180
aaagcagctc gaggacggcc gtaccctcgc cgactacaac atccagaagg agtcaaccct  240
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<223> Clone ID: 700962729H1

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atcatcgcaa tcctgttttc tgcagatcag caaaagtacg tcaacgagct cgatcagaag 240
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<210> 15629
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<223> Clone ID: 700962730H1

<400> 15629

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ttgcacctca ttaccatctg tgacatctga aattcagggt tcttagtatt atttgagacc 180
aacacaatgg tgtctgcttg tgtgaccttg aaagccaata cccatttagt aaaatcgaga 240
aaagacaata ctt 253

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<223> Clone ID: 700962731H1

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ctgcatatgt tcaattgctg tggggatggt tattgagatt attggttatgt atccccattca 180
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<210> 15631
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<223> Clone ID: 700962732H1

<400> 15631

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 agaaagaata tgtgtaatgg gcataagcat gaacttagtg aactacttgg ttggagtttt 240
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<223> Clone ID: 700962733H1

<400> 15632

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 tttcccgctc tcgcgggaag gtttgagacc gattccaacg gttacgttaa tattgtatgc 180
 aacgacgctg gcgttgattt tattcatgct atatcaaaac acctaacttt aaacgcccgc 240
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<223> Clone ID: 700962734H1

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 aacaacgtct gtaatgcaga cataggtcat tagcattgta aatctccatg cgatatatgg 180
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<210> 15634
 <211> 235
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962736H1

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 tcacgtcttt ccgatccctc acccctctcc tcgtcgccct cgccgacacc gtcttccgca 180
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<210> 15635
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<223> Clone ID: 700962737H1

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 agcaacagca acaacaacaa caacaagcct acatgctcat gccgacgcag gcacagcccc 180
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<210> 15636
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<223> Clone ID: 700962738H1

<400> 15636

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 aagaaaattt ctttccatat catcaettac aattccttaa tccattagaa taacaagtgg 180
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<210> 15637

<211> 270

<212> DNA

<213> Glycine max

<223> Clone ID: 700962739H1

<400> 15637

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<210> 15638

<211> 269

<212> DNA

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<223> Clone ID: 700962740H1

<400> 15638

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 cgaacggaaa gcgaacagcg tggagcttcc gttttcgtg aggataatca agaagaagct 180
 gcagtggaag gaagggttca gggaggcagg ggaatccgcg tattgctctg tcaagaaagc 240
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<210> 15639
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<223> Clone ID: 700962741H1

<400> 15639

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<223> Clone ID: 700962743H1

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<210> 15643
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 <212> DNA
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 <223> Clone ID: 700962745H1

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 <223> Clone ID: 700962746H1

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<223> Clone ID: 700962747H1

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<223> Clone ID: 700962715H1

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<223> Clone ID: 700962679H1

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 tctctctctc tctctgtctc tctggctgct ttttttttct ttctttctag gttttaaaat 180
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<223> Clone ID: 700962680H1

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<223> Clone ID: 700962681H1

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 acagaataag aacagtgttt actttgatga gcaacaagat gatgaagttg atggagttca 180
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 <213> Glycine max
 <223> Clone ID: 700962683H1
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<210> 15653
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 <223> Clone ID: 700962686H1

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 gcttactcgt ttgccgcttc aaatgacgat taaggataat cttattttct caatctctga 180
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 <223> Clone ID: 700962687H1

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tgcacagaag gctggagctt ctgctgttct tgtttcggat gatattgagg aaaagttgat 180
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<223> Clone ID: 700962689H1

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<210> 15659

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<223> Clone ID: 700962690H1

<400> 15659

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<210> 15660

<211> 79

<212> DNA

<213> Glycine max

<223> Clone ID: 700962691H1

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<210> 15661

<211> 235

<212> DNA

<213> Glycine max

<223> Clone ID: 700962692H1

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aagtccacta ccaactggcca cctgatctac aagcttggag gcattgacaa gcgtgttatt 180

gagagatttg agaaggaagc tgctgagatg aacaagaggt ctttcaagta tgcct 235

<210> 15662

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<213> Glycine max

<223> Clone ID: 700962693H1

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gattctgacg ctaccactca gcctcaagat tccgacactg ctcccaattc cagtctcca 120

acgccctcgt ccccgccgct cccgccgttt gcctccttcg cttcgccacc gactccgccg 180

gcggcgctct catgggctcc gtctttggat acggtgctgg attgtttaag aagaaa 236

<210> 15663

<211> 237

<212> DNA

<213> Glycine max

<223> Clone ID: 700962694H1

<400> 15663
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 tccatcaaca ctgcgtccgc ttaggggccg acctcgcgac tcgtttggat gacacgaagc 120
 gagccctagc tcaatctcat cataatcttg tcttcccaa acacgccctc gccacgccc 180
 ccactgctac cctgggctcc cagcacgtgg ctaagtcctt cgtcggcacc tccgttt 237

<210> 15664
 <211> 240
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <223> Clone ID: 700962695H1

<400> 15664
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 atcatcaccg atcgaacttc gcaagacaga gatcagattc tgattccgac acagtaacag 120
 tgagagcgtc atcgacattc taaccgcagt cgattccatt tgcaagaagt acgacaaata 180
 cgacgtcgat aagcaccgag atgctaattg ctctgnggac gatgcctttg ccagactcta 240

<210> 15665
 <211> 243
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700962696H1

<400> 15665
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 ctcaacaact tggtttggaa gatccatcca taattaggct taccctcat aattgctact 120
 ctcaacaacc taaaccccaa cctattaagt atcgtggtgt ggaccatttg tctgatatgc 180
 tggttcacta caatcagact tcggatatat tgtactatga agtacttgac atccctctgc 240
 cag 243

<210> 15666
 <211> 235
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962701H1

<400> 15666

tagttctaga tcgcgggcgg ccgccctttt tttttttttt tacaccaaca aaagtacaga 60
atataacata catcaaataa aatagacagt atttcatcaa tcttttaaaaa gctgtataaag 120
gtagctttga tataaaattta cagtggataa aatacacggg aactttacca atgtagccgc 180
aaatttttaa caactcaaag cgcactcaaa ggcgtcatgt cattctagat cgca 235

<210> 15667

<211> 292

<212> DNA

<213> Glycine max

<223> Clone ID: 700962702H1

<400> 15667

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gcagtcgtgg ttgtaggact tcttctactg gcggaggtgg cgcccatggc tgatgctgtg 120
acatgcaccc caacagagtt gagtccgtgt cttccagcaa tcacttccgg tgctaaacct 180
tccagtgtt gttgcgcgaa gctgaagcag caaaaaccat gcttatgtgg ctacctgcaa 240
aaacgctagc ttgacgcagt gtgttaggtc tgctaatagcc cgaaaaaccg tt 292

<210> 15668

<211> 260

<212> DNA

<213> Glycine max

<223> Clone ID: 700962709H1

<400> 15668

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gacgatgggg tccatccccg atccaggcga gttgagcgag ttgactcagc cgagcttcga 120
cgagttccag cgccaaactt ccccatgac cagctgcacc ctctctgga aggagctctc 180
cgaccagttc tcttccctcg agcaagtcct caaccacaaa tccgaagccc gcaaacgcaa 240
gattcgcacc ctgcacaaca 260

0933100

<400>	15669
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<210>	15670
<211>	271
<212>	DNA
<213>	Glycine max

<400> 15670

<210>	15671
<211>	125
<212>	DNA
<213>	Glycine max

<400> 15671

6985

<210> 15672
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962713H1

<400> 15672

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 acataattat cagaaaaaat gctgctgctg caatttctca gctgaaaaaa catctattca 120
 ggcatthttaa gaccatagac cttggatgtc taaaagtcta aaatacttcc ttggtataga 180
 ggtagctcaa tcaaacaaag gcattgttat ctctcagagg aagtacgctt tggatattcc 240
 taaatgaaac tggcatgagt gga 263

<210> 15673
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962714H1

<400> 15673

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 aaattaggat ctgcttcaga tctagtgttt ccctgtccca aatcacgagt ccattgagtt 120
 tgatthttgtg gatgaaaagc atagataggg cttttgcaaa actctccaat gtttcttgaa 180
 attatatgac catgcgtoga attcgtatgc tgcactcctt ctccgtcgtg ttcctctagt 240
 ggthctacgt ttactcatga actc 264

<210> 15674
 <211> 238
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962676H1

<400> 15674

ctcaaccggc ccaatttagc ataagcccag catggccacc gcaacagcag cagccacctc 60
 gtccttcatg gggacgcgcc tctggaggc ccactccggg gcggggcggg tgcaggcccc 120

gttcggggttt ggcaagaaga aagccgccgc cccgaagaaa gtttccaggg ggtcgggctc 180
tagctccgat aggccctgt ggtatccggg cgccaaggcg ccgaggtacc tggatggg 238

<210> 15675
<211> 244
<212> DNA
<213> Glycine max

<223> Clone ID: 700962649H1

<400> 15675

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atttaattga atttaatttt gtgatcggaa tcggaatcgg aatctgagtg gatgtggatt 120
gggtggtgaa ccggtgaaag atgcgacgac gggctgccga gtatcggcgc ccggcagcag 180
ggagggttttc atattggatc tggcttctcc ttgctttctc ctccatcctc ggattgctcc 240
tctt 244

<210> 15676
<211> 243
<212> DNA
<213> Glycine max

<223> Clone ID: 700962650H1

<400> 15676

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aaaaccaaac cctaattaga aacgatttcg gaatccctaa ttcgcaaata gcaaccctag 120
ttgtgctgtg cgttggttga gtggtttttg gaagaggagg cttgagctaa acgctgcgtt 180
tcgacgacga tgatcgtgag ccagaacatg gtgacggagg cggaaattat ttgcaagcag 240
aac 243

<210> 15677
<211> 242
<212> DNA
<213> Glycine max

<223> Clone ID: 700962651H1

<400> 15677

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 cttatggtac ggcagcttca cccaatcca acgctccata atcctcgact tcattaactc 120
 gttaagtcc accgcggggg cccacttcc ctccgtagca tcgtggtgga agaccacgga 180
 caagtacagg gggggatcca ctacaatcgt cctagggaaa caaatcctag acaaaactta 240
 tt 242

<210> 15678
 <211> 240
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962652H1

<400> 15678

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 ttctattact ggctgtattc ttcacagcag aggatggaaa tcagcatatc tttacccgaa 180
 aacaccatgt ttcttaggtt gtgctccac tgacatcaag gaaggcatgc ttcagttggt 240

<210> 15679
 <211> 240
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962653H1

<400> 15679

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 gctttatgga gataatatct gttttttaat aaagaaatac aaatgccctc tagctgaaac 120
 cttatttttt tctttgattt attatatcta acttcaatgc cttttctctt ttgttttatt 180
 caatatatat ctttggttcc cttttagaac aacttgactt ttgattcagg attggtgaat 240

<210> 15680
 <211> 241
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962654H1

<400> 15680

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gtgggatatc gcggtgcatg gtggcgctgg tgctgaccct aatgtccac tcgagcgcca 120
agaagaagcg acacaagttg tcacgcgctg tgtcaatgtg ggagtctgtg ctctgaattc 180
tagtgttcgc ggcatagatg tcgtcgaact tgtggagagg gaattggaaa cgggtgctct 240
g 241

<210> 15681

<211> 241

<212> DNA

<213> Glycine max

<223> Clone ID: 700962655H1

<400> 15681

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gaaacgattc cgtaccagaa tggcgctcgtt gccaaactcca acgactcctc cgccgcggtc 120
aagaaatcga gggagagcga ccgccgccgc cgccgccgga agcagaagaa gagcaacaag 180
gcatctgagg acccggttcc taactccgct gaagagagtg acgatgcgaa agagaacgac 240
g 241

<210> 15682

<211> 234

<212> DNA

<213> Glycine max

<223> Clone ID: 700962656H1

<400> 15682

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tatgagggcg tctattttaca atgccatgcc cttggctggg gttgagaagt tgggtggcttt 120
catgaaggat tttcaggcaa ggcatgccta aaggagtaac ctcaatctga aacaaatact 180
tgcatctgat gaacctaatg cctgaaggat tttatgctaa taaagtgttt gtct 234

<210> 15683

<211> 241

<212> DNA
 <213> Glycine max

 <223> Clone ID: 700962657H1

 <400> 15683

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 tcccaaacct ctaaaatcaa accatgaaaa gcgtagaggt ggcgaagacg gtgctcgagg 120
 tcgcgacgtg gcttggaccg ccgttgaaca caccacccat ctccgccacc gcagtcatcc 180
 cgteccccgt gccccgcgag ccgatgtctg cccatccgac caagatttgg agtctctgcg 240
 a 241

<210> 15684
 <211> 239
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700962658H1

 <400> 15684

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 ttaattctac caagcttcgc tgattgatcc atcttcgtcg acgaattgtg cattcctgtg 120
 ctgtgctggt gatgggtatg gtttggattt caaatgtctt tcttctcggg taatgagatg 180
 catcaagttt tgaagtacag tgagcagggg tggacattgc tgctctttta acttctgct 239

<210> 15685
 <211> 240
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700962659H1

 <400> 15685

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 aagcgtgaga ctcaattgcg gttggaagca ttttacaatt ttaatgaaag atttgcaaaa 120
 attcgtagta aaagaattaa gaaagcggta aaaggaatca ctggtaagca gccttcagat 180
 ttgatagatg attctgtaga agagttctcc aagagtagga agactgggag agaacctgag 240

<210> 15686
 <211> 241
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962660H1

<400> 15686

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 atctcagggg ttctaccgga acctcaagga tttatggtgc actatcctgc ttatccatca 120
 tccatctctc gagctgttga tactcttggg ggaattcaag ccatccagaa ggctcgctgt 180
 tccaaatcca acaaattaga gcttcgtttc cgtctgaag acccctattc tcaccctgca 240
 t 241

<210> 15687
 <211> 242
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962661H1

<400> 15687

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 tggaggagcg taggaaactg agagatgaaa aagtggaagc tgaaaaagat cacagcagat 120
 catgaaatgt cagtaaggag aaggaccgtc agaaggaagc tgaaaagaag cgtcaggaaa 180
 aaagaaaaga gaaagataag gggctctagta agagcaactc tgatgttgaa gaattggaaa 240
 ga 242

<210> 15688
 <211> 240
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962662H1

<400> 15688

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 gccgtgagat tgaacatcca ccatatgcca caagttgtgt aaagagagag tgaaggatca 120
 agcaatgcat aagatagagc ctgctgacag aagatagaga gcatagctga acatacccaa 180

cagggccttg tgtatgagca gttgttctct cttttcttct atcaacatat cagttcctgg 240

<210> 15689
<211> 242
<212> DNA
<213> Glycine max

<223> Clone ID: 700962663H1

<400> 15689

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ggagcacgtt ctgggaggtg gtgtgcgcgg acacgggatc gattccacgg ggaggtacca 180

gggggacaac gagttgcaac tcgagcgagt caacgtctat tacaatgaag cgagttgcgg 240

aa 242

<210> 15690
<211> 244
<212> DNA
<213> Glycine max

<223> Clone ID: 700962664H1

<400> 15690

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cgtttcagga ctttgatctc atctcagaga ggagaaggaa cgagaagagg caaatgcga 180

tgaagaggat catgattggc gtggtctctt ccgttgctct cgatgccatg ataggtgcag 240

tact 244

<210> 15691
<211> 242
<212> DNA
<213> Glycine max

<223> Clone ID: 700962665H1

<400> 15691

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ttaagggccac agcattctct tgaaattgct agtgggtcgc ctgaggatga ttcttatttg 120
 acgatgacct tgatgacctg acacataaga taagagagct ggaaactgct atgctaggac 180
 ctaatgcaga tatgctagat atctacagta atgtaattcc agaacctgat tcatttttgt 240
 ta 242

<210> 15692
 <211> 240
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962666H1

<400> 15692

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 ccttaaaaaa acagaggaaa gccatgagtc gcagaaacga aagtgggtcca aagcttgact 120
 tgaagctgaa cctgtcccca ccgagggctg atcggagact ggagtcaccg acacgatcgg 180
 cgacggcgtc gcaacgtcac cgccgagctc gtgcgtgtcg tcggagctga accaagagga 240

<210> 15693
 <211> 237
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962667H1

<400> 15693

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 acagaagggc aaagaaaacc aattcccttt ccctcccatc gggaattctt ggaacagcac 180
 tagcagtgtt gtttattggg ttttttagcat gggcttatca ggttattcaa cctcccg 237

<210> 15694
 <211> 236
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962668H1

<400> 15694

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 aagattccag ctcgctctttg ctgatgtgtt caagcatgat ataactgaag gaagacctaa 180
 acttgcaaca tggattgagg aagtgaacaa gattagtgtt tatacacaga caagagctg 239

<210> 15698
 <211> 239
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962673H1

<400> 15698

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 ctcttctctc ttttcttatt tctttctctc acgtttcgct ccatcatccc tcacacctca 120
 cccacctac cccaccccca cccaccttct tctttctctc tttcttccct tttcccttta 180
 gttttcgttt gttcttccct tgtgggttct cttgtttctc tctgatctca tgaagaaga 239

<210> 15699
 <211> 237
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962674H1

<400> 15699

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 ctgctctcat tctcaccaca aactgacact tgcctgcagt tgaagaaaga atagaggatc 120
 gggtcgatgg cgtctgctag ccttggaagt ggtggggctg gcagttcgag gtctgttaat 180
 ggtggcttca ggggttcttc cagttccgtc gattggcttg gcagagagat gcttgag 237

<210> 15700
 <211> 242
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962675H1

<400> 15700

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 aattgcgaag tatatgatct ttgtttgcct agtgtagtca atttgttctg aaactttgct 180
 gattatagtt tatgaaacct attttttatc cttcaatagt accaaccatt gatgggaaga 240
 cc 242

<210> 15701
 <211> 223
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700962648H1
 <400> 15701

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 gaaacaggag cttattcttc atcatgaatg gagtcctgga agctgggttt ttcttccaca 120
 tggcgctcgg atctacaaca aactcatgga cttcattcgg aatcagtaca gggacagagg 180
 ctatcaagag gtcatatctc caaatgtatt taacatggat cta 223

<210> 15702
 <211> 246
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700962618H1
 <400> 15702

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 tttcatcggg cgccaaggag cactagtgtg cttctgggtg ttgtctgtgt tttttgtggt 120
 aacaggatca acaatgaaga gcacaggaca gtggaggtag ttggcctagg agaatgcgca 180
 gactgcaggc agaacaatat taagaataac cacgctttct cagggttacg tgtgacggtg 240
 gattgc 246

<210> 15703
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962619H1

<400> 15703

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 gatggaacta tgcataatttg atttgaggag aggccaacac gaaggccaag agctcgataa 120
 gatgctcttg ttcttccccg ccggtttgcc cttctcaaag caactctccg tcattggcct 180
 cagcgaagga ctcacagtt tctactagaat cttctctcca gactctgctt gcgaggtcat 240
 cgaagctg 248

<210> 15704

<211> 210

<212> DNA

<213> Glycine max

<223> Clone ID: 700962620H1

<400> 15704

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 aacatggagg ttagttgggt tgatgagcct ggaaaactca agtggtgcca ttggtgcaag 120
 gtctcaggag atgctgcttc tgttcgtgcg cttgtcggcg atgcgctggg actattgggt 180
 cacaatttcg caactgtact ggcacgtttg 210

<210> 15705

<211> 247

<212> DNA

<213> Glycine max

<223> Clone ID: 700962622H1

<400> 15705

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 cggatcgacg atgaagacga ccttctgac cgtcaagtgg tgccggatgc ggaggaccac 120
 cacctgctca acgcggagca ccacttctcc gccttcaaga caaagttcgg caagacctac 180
 gccacgcagg aggagcacga ccaccgcttc cgtatcttca agaacaactt gtcgcgcgcc 240
 aagtcac 247

<210> 15706
 <211> 237
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962623H1

<400> 15706

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 tttccatcta gtagatgcat tcatatttct agatatgcgt gcattgctta gtgcaatagt 120
 agatcgcaaa aaggctttat caggctaagg atagctctag gaacacttca tgcagctctt 180
 cctgatgcaa caactgagga gctaagagca tatgatgatg aatgtgctat ttgtaga 237

<210> 15707
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962624H1

<400> 15707

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 actgggaact gatgaaaaga cttttatcca catattcagt gaacggagtg cggcgcatctt 120
 ggctgccgta gttcttatta ccatgacatg tatggtcatt cactgaagaa ggcagtaaag 180
 aatgaaacat ctggggcctt tgaacatgca cttttgacaa taatccaatg tgctgttaat 240
 ccaggaa 247

<210> 15708
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962625H1

<400> 15708

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 ctttttcgga tgatatcacc taaaggctct cgcattgtct cacaacttct tgcagtgttg 180
 caagcttttg aggcaacatt ggcagagagg ctgaaaaatc ttatgcctaa aagcaaggat 240

gaaatc

246

<210> 15709
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700962627H1

<400> 15709

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 caatggatga tgatgacgat gacgatgatg tggatgatga tgttggtgtc cctcctgtca 120
 ttgctacaaa gaaaaggatg cccttaagga agaaccatt gacaatagcc cttcaaagcc 180
 aacagcaaca ggacctgctc gtggaacacc ttcttcaaag tcttcaaagg ggaagagaaa 240
 attaaatga 249

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